Master Electric Company

VIOLET RAYS

Master Electric Company

The MASTER VIOLET RAY

COPYRIGHT
The Master Electric Co.
113 S. JEFFERSON STREET
CHICAGO

PRINTED IN U. S. A.

INTRODUCTION

THIS book is written with the purpose of introducing the Master Violet Rays and explaining its superior merits in the treatment of physical disorders to those who have not already experienced its wonderfully beneficial effects.

To the thousands of users of Master Violet Ray Instruments, we need no introduction. The machines speak for themselves and the numerous commendations we have received testifying to the complete satisfaction given by these instruments, are sufficient proof that our unqualified guarantee is well founded. These users of Master Instruments know that for service, reliability and general satisfaction they can find no machine the equal of the Master.

To our new friends and potential customers we want to say, that for years we have endeavored to produce the best Violet Ray instrument possible at anywhere near the price. That we have succeeded in this is attested to by the many satisfied users who would have no other than a Master Violet Ray. We have maintained a policy of using first-class materials with high grade workmanship only, and by constant experiment and tests have produced a Violet Ray for home and general use that is without equal.

Every machine leaving our factory is thoroughly tested and inspected and is accompanied by our absolute guarantee. Any dissatisfaction will be immediately adjusted.

MASTER ELECTRIC CO.

VIOLET RAYS

The Violet Ray is a pleasant, effective means of applying the wonderful power of electricity to the human body without pain, sensation or shock, and is without an equal in relieving pain and congestion, stimulating the circulation and restoring good health, vigor and youth.

The Violet Ray is the ordinary electric current obtained from any socket, nebulized and split up into infinite parts and produced through glass applicators called electrodes, in a violet colored stream, hence its name, VIOLET RAY. A huge voltage of electricity is obtained and applied to the body or hair but without any shock, whatever, the only sensation being a pleasant warmth.

Violet Ray Treatments surely relieve pain in any part of the body. The electrical currents penetrate every cell and tissue of the body, and tranquilize and soothe. Violet Rays stimulate and strengthen the vital organs, build up the natural forces, steady the nerves, and develop the general health and conditions of the body. High frequency electrical currents carry oxygen to the blood, thus purifying this vital body fluid. Violet Rays equalize the circulation in congested parts and restore bruised and inflamed tissues to normal.

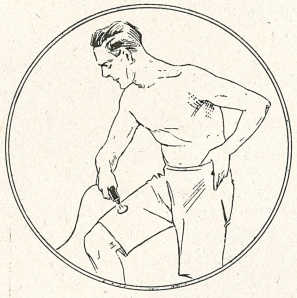
A Master Violet Ray is applied through vacuum applicators or electrodes made of annealed glass. These electrodes diffuse the electrical current in sprays of a beautiful deep violet color. These sprays or sparks vibrate to and fro, or oscillate at the rate of several hundred thousand times per second. This rapid vibration is what produces the pleasing, invigorating and corrective effects derived from Violet Ray Treatments.

A few minutes' application each day, simply holding the applicator in the hand, furnishes a tonic to the system which does much to fight disease and keep the body in a healthy state. Inasmuch as prevention is to be desired a thousandfold rather than a cure, this one point alone makes the Master Violet Ray indispensable in your home.

Many authorities state that impaired circulation of the blood causes most ailments. The Violet Ray by stimulating the circulation, thus wards off disease, saving you much unhappiness and suffering.

With the knowledge that electricity, Nature's greatest health agent, was a vital factor in the treatment of various diseases of the body, there has been a constant untiring effort to improve the method of application and increase the power of this wonderful agent.

The wide use of electricity produced through various types of apparatus finally led to the discovery of the Violet Ray, otherwise known as High Frequency, which has solved many problems and today furnishes the most efficient and powerful phase of electricity known for the relief and destruction of the various diseases and germs of the body.



The Violet Ray offers a pleasant, effective means of destroying germs and banishing various diseases while building up the tissues and toning up the system generally. The Violet Ray while introducing all the power of electrical energy into the body, does so without the slightest pain, shock or contraction of muscles. In fact the application of the Violet Ray produces a pleasing sensation. The amazing results secured through Violet Ray treatment, immediately caused it to be accepted by the professions, and today you can hardly find any physician's office not equipped with Violet Ray Apparatus.

Now this remarkable factor is made available to you for use in your own home, at a price within the reach of anyone. We have built an effective Violet Ray instrument that is the essence of simplicity, made so a child may operate it, and at the same time we have an instrument that produces the Violet Ray unexcelled by machines costing many times as much without the unique and practical features of our instruments.

WHAT VIOLET RAYS DO

Violet Rays or High Frequency Currents benefit all living matter. Through the glass vacuum applicator light, heat, electric energy and ozone are created. These forces are uniformly potent in relieving and eliminating human ailments. Violet Rays present a remedy upon which we can rely. They are positive and certain in action. They will reach where medicine does not and often cannot reach—yet they cause no pain, no disagreeable sensation, no discomfort. They furnish a soothing relief. They destroy germs and have a strong power over infection.

The uses for the Master Violet Ray are practically unlimited. Not only are ordinary pains and aches removed, but deep seated ailments of long standing are often entirely eliminated.

VIOLET RAYS SAFE TO USE

There is no danger with the Violet Ray. It can be applied to the most sensitive parts, and the treatment is agreeable and exhilarating. You simply connect the machine to any convenient light socket on direct or alternating current and it is ready for any treatment. People were very skeptical about the claims that we made for Master treatments till they found that physicians not only strongly endorsed its use, but treated their patients with it with very gratifying results. You will find the **Master** in the office of many doctors. The **Master** Violet Ray in the home is good health insurance.

SELECTIVE EFFECTS OBTAINABLE

A. A sedative, quieting or soothing effect can be obtained and is of great benefit in all nervous ailments. This effect can be produced locally by keeping the electrode in close contact with the part to be treated. Painful sensations can be relieved, irritated nerves tranquilized and soothed. Nervous disorders are quickly and beneficially influenced by a sedative treatment.

B. A stimulating effect is produced when the electrode is lifted somewhat during the application or used through the clothing or a cloth which has been put over the part to be treated. The length of the stimulating sparks depends on thickness of the clothing or cloth placed between the electrode and the body. Uniformity in spark length is insured by the cloth.

Stimulating treatments through clothing are very beneficial in rheumatism, lumbago, partial paralysis, etc. Skin disorders, where the circulation is impaired, are often greatly benefited by a slight stimulation. A single layer of a handkerchief produces enough resistance in such cases. An ordinary towel is best to use in chronic rheumatism and similar affections.

MASTER VIOLET RAYS FOR BEAUTY

If Nature has not endowed you with the charms that you desire, or if work and worry have left their lines in your face and figure, you can erase them with the Master Violet Ray. Rich, red blood is brought to the skin with the use of the Violet Ray. It nourishes the tissues and cells and brings the radiant hue of health and beauty to the skin. All facial blemishes quickly vanish.

All modern beauty specialists use the Violet Ray in the treatment of the hair and skin.

Treatment of Hair

Practically every disease of the scalp and hair, such as dandruff, falling hair, etc., can be traced to the improper circulation of the blood flowing through the scalp. The Violet Ray when applied to the hair has a direct action on the tiny nerve and blood vessels, stimluating them to perform their proper functions. The ozone generated acts as a germicidal agent and destroys any organism present, making dandruff impossible. A few treatments will suffice to convince you of the wonderful results accomplished. It is a proven fact that persistent use of the Violet Ray will restore grey hair to its natural color.

The use of the Violet Ray for a few minutes each day will make the hair thick, healthy and beautiful.

As a beautifying agent the Violet Ray is unexcelled, as it brings a fresh glow to the skin, producing a clear, youthful complexion. It quickly removes Pimples, Blackheads, Boils, Warts, and other Blemishes.

It removes Dandruff, Eczema, Itchy Scalp and Skin Diseases. Every woman should have this outfit in her home for use on the hair alone, aside from the other innumerable purposes to which it may be put.

As a bust developer, the Master Violet Rays will be of material assistance. A special electrode suitable for the purpose is made.

The Violet Ray Refreshes the Body. The results obtained through Violet Ray applications will be a revelation to you and in a remarkably short time will bring your body, health and appearance to that condition that Nature intended it should be.

CELLULAR MASSAGE

When the electrode is brought near the body the flow of Violet Ray is apparent in one direction only. That is from the applicator to the body. Actually, however, the direction of the flow alternates from the applicator to the body and then from the body to the applicator thousands of times per second. This causes the cells of the body to vibrate accordingly, which gives the effects of a massage, and tends to revive and invigorate the bodily tissues by rebuilding each individual cell of which it is composed. This is one of the most beneficial results of the Violet Ray.

HOW TO USE MASTER VIOLET RAYS

Three distinct methods of application are in general use according to the conditions present and the results desired.

First. Local applications. Given with specific surface of orificial applicators made for that purpose.

A beneficial warmth is induced by the action of the Violet Ray, the capillaries of the skin are stimulated. The local blood supply in the treated parts is increased during the application and for some time thereafter. Any local application with a vacuum electrode is an effective antiseptic, largely on account of the ozone developed.

Local applications produce the desired result at the treated part quickly. They also benefit to a remarkable degree the entire system. The body is penetrated by radiant atomized electricity, restoring energy and vitality to the entire system.

Second — General applications. Taken as electrification treatment for the effect on the general condition. The entire body is saturated with electrical energy by simply holding the electrode in the hand. This produces a sedative or quieting effect.

Violet Ray High Frequency Currents have the tendency to establish a normal equilibrium of the entire nervous system. Arterial tension during a general treatment usually increases slightly while it falls a short time afterward. General treatments are recommended in all nervous disorders and diseases.

Third—Indirect applications. Combines local and general treatments and requires two people. The party to be treated holds the instrument with the attached electrode. A second party then may draw with either hand, finger-tips, or another electrode, the high frequency current to the desired spot of the patient's body.

LOCAL TREATMENTS

One of the greatest benefit of the Violet Ray, is the fact that it can be used with such excellent results in local conditions. When the Master Violet Ray is applied to any part of the body, it gives to a certain extent a general treatment by stimulating the circulation. In treating local conditions, these results are greatly increased by giving a local treatment to the part affected. Suppose one is afflicted with rheumatic pain in the shoulder, you apply the Violet Ray treatment to the painful part. The result noted, will be an immediate sensation of warmth. After a slight treatment, you will note, that the part treated, has become slightly reddened by the blood that is sent in response to stimulation secured from the treatment.

These local treatments can be given to any part of the body locally with very good results.

NEURITIS

Neuritis, as commonly understood, is rheumatism of the nerves. In the treatment of this condition, the Violet Ray is unexcelled. Not only does the Violet Ray apply health but a permanent relief is secured by relieving the inflammation and removing the cause of the ailment.

RHEUMATISM—LUMBAGO

By causing the rich red health-laden blood to flow to the affected part and concentrated oxygen driven directly into the tissues, the inflammation is usually quickly overcome and a normal condition is secured.

OZONE TREATMENTS

The Master Ozone Generator shown on Page 19 may be used with any Master machine. This generator in connection with our outfits give the most satisfactory method of Ozone treatment known to science.

A most essential form of treatment for asthma, hay fever, and all lung, throat and nose cases.

WHY MASTER VIOLET RAYS EXCEL

Master Violet Ray machines have many features that make them superior to other Violet Ray machines produced. Due to their superior type of construction, which permits of the use of parts of ample size, they will operate continuously for a much longer period without overheating than any portable machine heretofore offered.

The Condensors are large and of over-capacity in order to prevent breakdowns. The Coils are all wound over-capacity to prevent over-heating in continuous and hard usage. The insulation of the coils used is equal to that of very expensive machines.

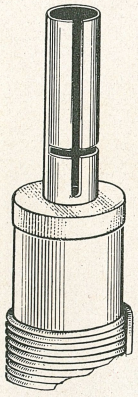
The range of adjustment is ideal and suitable for all treatments.

All Cords are sparkless and there is no possible danger of shocks. The machines are instruments of marvelous simplicity and efficiency that operate on any alternating or direct current without adjustment, and are fool proof in construction.

They are economical in operation. The power consumed is less than that used by the ordinary electric light.

The Master reputation has been built by supplying the most superior product on the market. Extreme care in the selection of material, rigid inspection, skilled craftsmanship, and years of experience make Master Violet Ray Instruments stand out in a class by themselves.

SPECIAL FEATURES FOUND ONLY IN THE MASTER VIOLET RAY INSTRUMENTS



Master Patent Electrode Socket

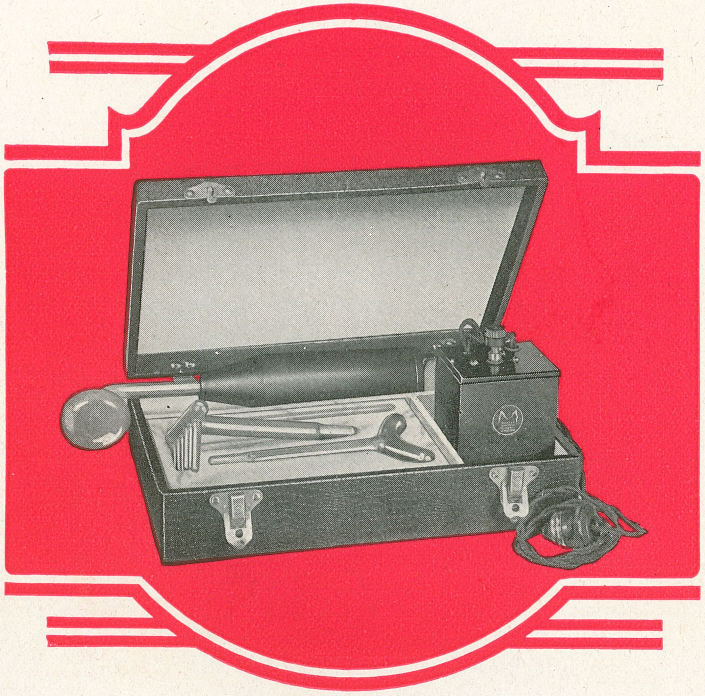
A very important feature of all Master Violet Ray machines is the special patented Master Electrode socket terminal which is a part of the resonator coil. Should the electrode break, the coil can simply be unscrewed from the hard rubber housing and the electrode end easily removed by inserting a screw driver or knife in the insertion, as shown in illustration.

In the past, where the electrode has broken, it has been necessary for practically all users to take these to an electric shop or repair man to have the electrode end removed. This annoyance is altogether eliminated, both to the user and the dealer, by the patented Master Electrode Terminal socket which is found only on Master Violet Ray machines.

MASTER VIOLET RAY No. 10

The lowest priced model violet ray machine ever offered by a responsible manufacturer. No exposed parts. Works on either direct or alternating current. Equipment consists of generator and general electrode in substantial container. The world's greatest value in a Violet Ray. At its price it has no competition. **$7.75**

For 220 volt or 32 volt add $1.50.



MASTER VIOLET RAY No. 11

This wonderful new machine comes equipped with three electrodes—comb, throat and general, contained in a very beautiful red lined carrying case. The size of the case is 14 inches long and 9 inches wide, making it a large attractive outfit. The magnet coil is mounted on a highly polished Formica plate. Coils and condensers are oversize to prevent overheating and the Tesla coil is designed to stand hardest usage. We are using the same type of construction on this machine that all manufacturers use on their highest priced models; namely two piece construction. Equipped with three electrodes it represents the world's greatest value in a product of this kind and is the fastest selling machine ever offered.

Price $12.50

For 220 or 32 volts add $1.50.

Our 220 volt windings will run on both A. C. and D. C. current. Voltages of from 200 to 240 volts.

MASTER OUTFIT No. 1

Universal Generator and Surface Applicator

The Universal has been built to supply the demand for a high-class Violet Ray machine, with features of the higher price types at a price within the reach of everyone. With the perfection of the Universal, we are now in a position to offer our customers a low priced Violet Ray instrument, which may be sold without fear of a dissatisfied buyer and with the knowledge that the best machine obtainable at its price is being placed in the customers' hands.

The Magnet Coil and Adjustments are mounted in the carrying case. The Resonator Coil is contained in a separate Hard Rubber Handle of special design. The Handle and Cords are shock proof.

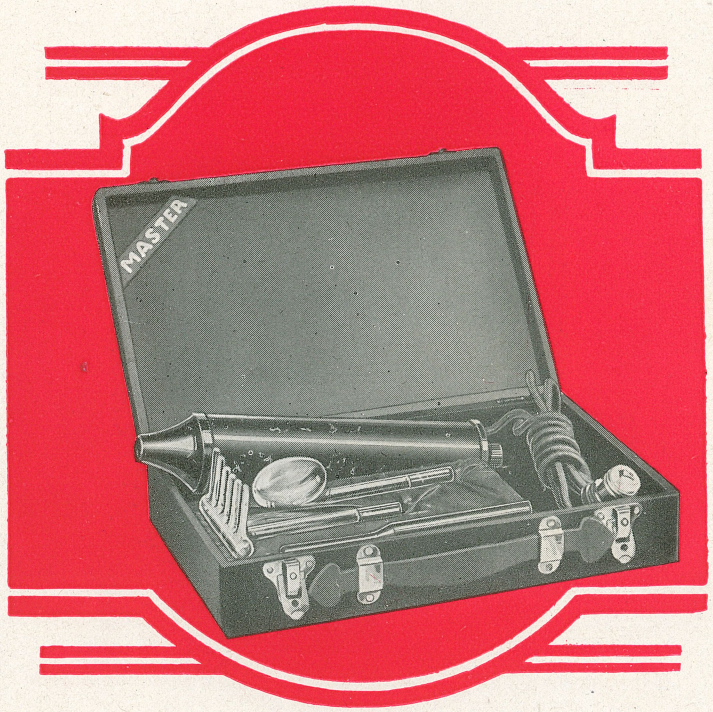
MASTER VIOLET RAY OUTFIT No. 1

The outfit includes the Generator and General Electrode No. 1. The Electrode is mounted in carrying case, which is equipped with a clip holding it in place, to prevent breaking.

We are the originators of this type of two-piece construction and have made it the most popular Violet Ray machine on the market.

Price $12.50

For 220 or 32 volts add $1.50.



MASTER VIOLET RAY No. 2B

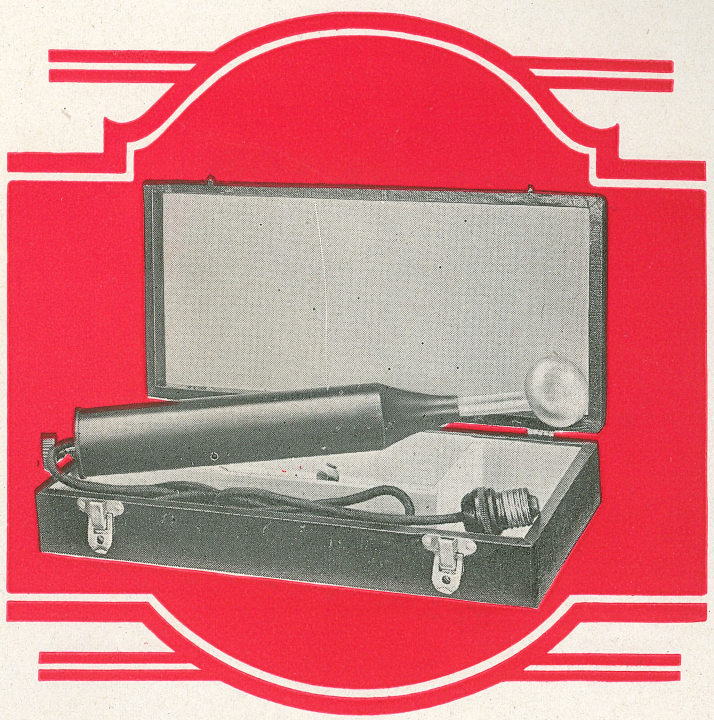
This machine represents the latest development in a one piece outfit. Due to our special type of construction the machine cannot be thrown out of adjustment by turning the adjustment knob too tightly and locking the vibrator springs, a defect found in most other one piece outfits.

An exceptionally strong hard rubber housing is used and the coils are so constructed that they will not overheat. This machine is without competition where lasting qualities and value are considered. Equipped with handsome carrying case with No. 1 Surface, No. 3 Comb and No. 12 Metal Electrodes.

Price **$15.00**

For 220 or 32 volts add $1.50.

Our adjustment is a piece of precision mechanics, highly developed, accurate and dependable. There are no parts that will come apart and the arrangement of adjustment prevents locking of vibrators thus eliminating burning out of the coils. This is a feature of all Master machines.



MASTER OUTFIT No. 2

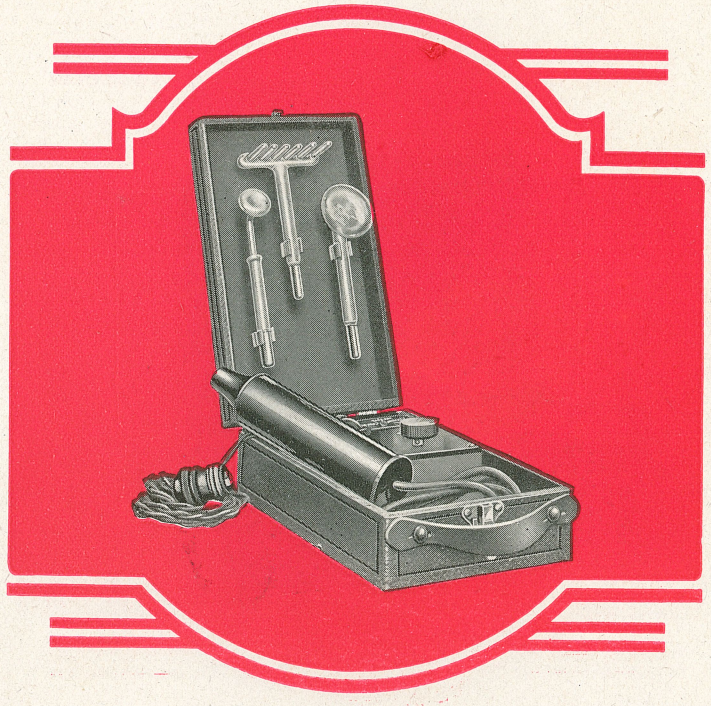
This machine is of the one-piece type; that is, the entire outfit is contained in the handle and there is no separate Coil contained in cabinet or carrying case. For those who desire simplicity in appearance and operation, this Master One Piece type machine offers the greatest efficiency possible.

The entire mechanism is enclosed in a beautiful highly polished Hard Rubber Housing. It is light in weight and comes equipped with a handsome seal grain carrying case, and surface electrode No. 1.

List Price **$12.50**

For 220 or 32 volts add $1.50.

The new models of Master Violet Ray machines shown herein, are the result of years of experience in the exclusive sale and manufacture of these products. All Master machines are manufactured of the best material obtainable of highly skilled experienced workmen. Our various inspections are the most rigid it is possible to give.



MASTER VIOLET RAY No. 20

This machine represents the ideal portable machine. The adjustment knob acts as a switch and is located on the top of a beautiful highly polished panel of Formica. The handle of the machine is light in weight and makes a most compact and attractive portable model for those preferring the two piece type of construction. The carrying case is velvet lined, very strongly constructed, and the equipment contains the general electrode, the comb electrode and the eye electrode.

Price $20.00

No extra charge for special voltage.

The Master Electric Company specialize on the manufacture of Violet Ray machines, and are the largest exclusive manufacturers of Violet Ray machines in the world. Every machine is thoroughly inspected and you are assured of receiving a machine perfect in every detail and fully guaranteed by a responsible manufacturer.

MASTER VIOLET RAY No. 235

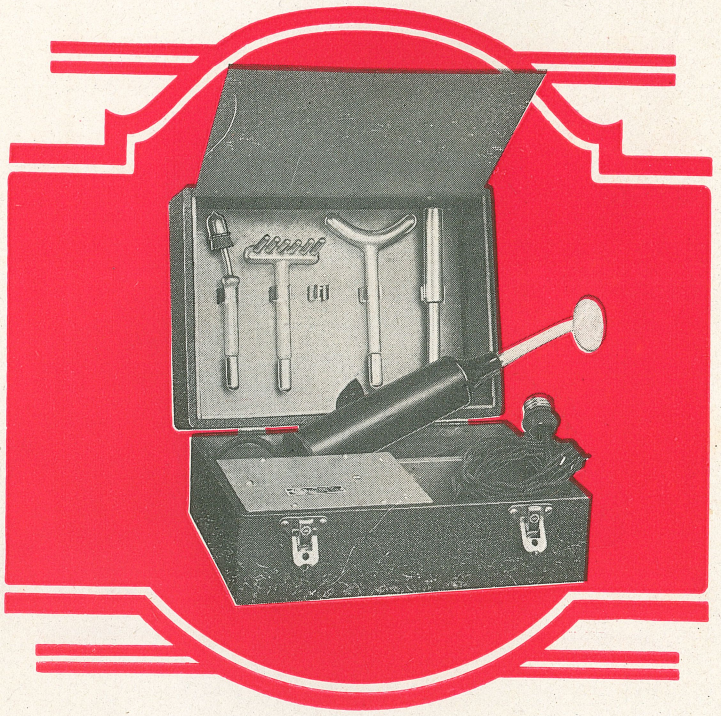
A very popular and fast selling outfit. Our superior one piece type outfit in beautiful silk lined carrying case. The applicators included are the general No. 1, comb No. 3, external throat No. 4, eye No. 5, metal No. 12, and insulated internal throat No. 19. A most complete and beautiful equipment. This machine can also be furnished for operation on 32 volt or 220 volts without extra charge.

Price $23.50

No extra charge for special voltage.

All Master Violet Ray outfits are designed to work on standard current 110 to 120 volts, A. C. or D. C.

The output of Master instruments are truly marvelous, not only is the amperage tremendously high at the full adjustment, but the milli-amperage is great in volume, causing much heat at the point of application to the body, an effect most desirable and not found in other instruments.



MASTER OUTFIT No. 8

This machine is designed to meet the demand for a complete Violet Ray equipment of the two piece type for home and profession, at a moderate price.

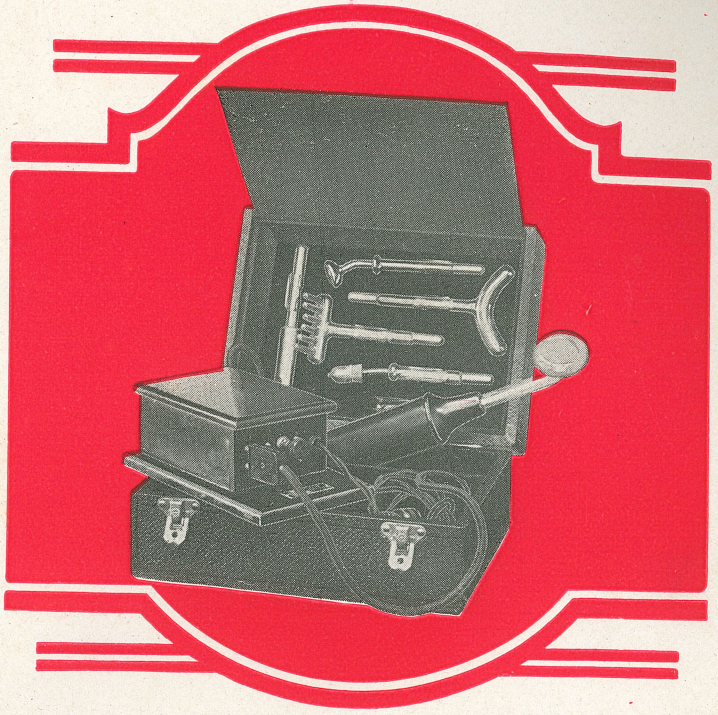
The case is designed to hold five electrodes, which are contained in a separate compartment with clips to hold the electrodes. A flap separates this compartment from the Generator. The case is velvet lined and very attractive.

The equipment consists of the Surface Electrode, Comb Electrode, Throat Electrode, Eye Electrode and Metal Saturator. In the illustration, a Cautery Electrode is shown in place of the Eye Electrode, choice of either is given. If neither is designated, Eye Electrode is furnished with the machine.

A beautifully finished, quality product at a popular price. One of our most popular sellers. Distinctively a Master product.

Price $25.00

No extra charge for special voltages.



MASTER OUTFIT No. 4A

MASTER DE LUXE VIOLET RAYS

The Generator is mounted in a beautifully finished mahogany cabinet with silk connecting cord. The handle of the machine is light in weight and is in a separate Hard Rubber Housing. The cabinet and the housing are contained in a Karatol covered carrying case, which is lined with velvet throughout. The carrying case has a separate compartment for electrodes which are protected by a flap, as shown in the illustration.

Cabinet may be hung on wall or placed on table and used separate from case. Very popular model in beauty parlors and with professional people.

MASTER VIOLET RAY No. 4
For Physicians

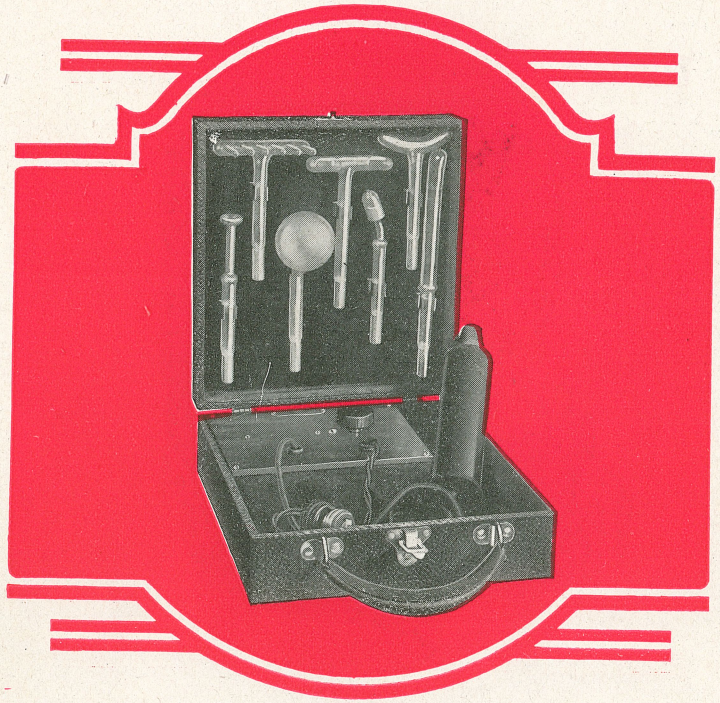
This outfit is similar to the 4A, but is equipped with special electrodes for physician's use, consisting of one Body No. 1 and five Orificial electrodes, Nos. 20, 21, 22, 23, 24.

Price $35.00

MASTER VIOLET RAY No. 4A

This is the machine shown in the above illustration and comes equipped with the following electrodes: General Electrode, Comb Electrode, External Throat Electrode, Eye Electrode, Cautery Electrode and Metal Saturator.

Price $35.00



MASTER VIOLET RAY No. 50

This is a most complete outfit and a wonderful value. Has complete set of electrodes for all treatments. This generator is constructed with extra capacity condensers and has very great penetrative power, developing a current of great therapeutic value. Adjustment knob is located on top of highly polished Formica panel. The adjustment of this machine is truly remarkable, operating as it does on a ball bearing and holding a very minute adjustment, which is a very distinct feature with great lasting qualities. Carrying case is lined with velvet and is very beautiful in appearance. The very finest outfit to be secured. You will find nothing finer on the market at any price.

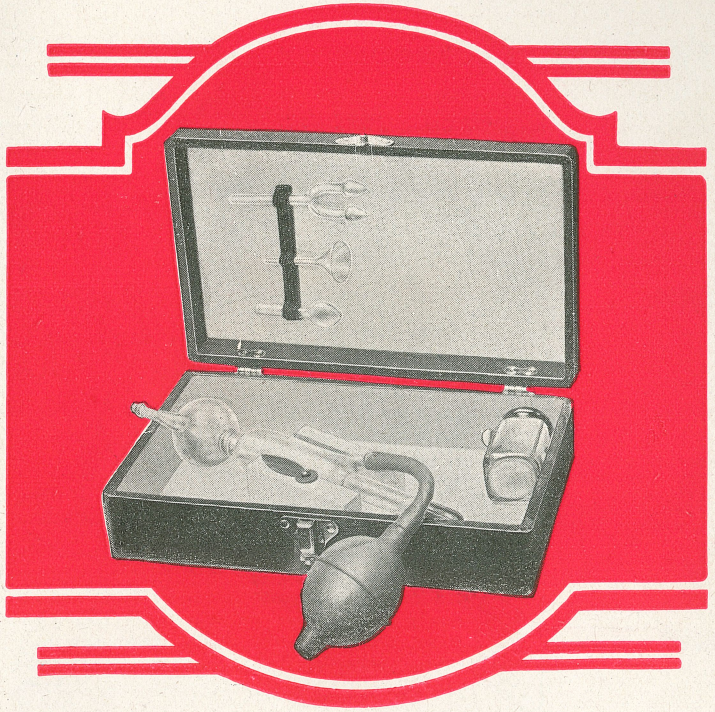
The Electrode Equipment Is Most Complete

Complete in velvet lined case with Surface Electrode No. 1 and Comb Electrode No. 3, Throat No. 4, Eye No. 5, Spinal No. 6, Prostatic Electrode No. 22 and Cautery Electrode No. 25.

Price **$50.00**

No extra charge for special voltage.

As a very important improvement in connection with our magnet coil construction we have a resistance winding of special alloy wire, which acts as an equalizer between the kick back coil and main line, thereby absolutely avoiding overheating. Master Violet Ray machines can be run for a long period of time without showing signs of heating found ordinarily in all other makes of high frequency apparatus.



MASTER OZONE GENERATOR No. 28

The Ozone Generator is a special applicator designed for direct medication in nasal, throat, bronchial and lung affections. It generates enormous quantities of Ozone. Ozone is a faint blue gas composed of oxygen and is formed by the passage of an electrical discharge through air. Outdoors, we get ozone after a thunder storm and indoors the same effect can be produced mechanically with Violet Rays.

Ozone treatments are very beneficial, and excellent results are secured in all diseases of the Respiratory Organs. Influenza, Catarrh, Bronchitis, Asthma, Hay Fever, etc., quickly show marked improvement from its use.

The ozone permeates every cell, destroying germ life, and soothes the inflamed tissues.

DIRECTIONS FOR OPERATING OZONE GENERATOR

The Generator is pushed into the instrument handle, after filling the inhalant chamber one-fifth with inhalant solution, the current is turned on. The left hand is then put around the ozone chamber while the other hand actuates the pressure bulb at convenience. The nostrils are placed over or tight against the nose-piece and the ozone is forced down through the nose into the lungs by pressing the bulb. The inhaling of the ozone should be deep and the air completely exhaled before taking another breath. Inhalation may also be made through the mouth by changing the nose-piece for the mouth-piece.

The inhalant solution contained in the upper chamber of the generator washes the ozone as it bubbles through it, allowing particles of it to be carried along in the form of vapor. This inhalant solution is a splendid combination of essential oils which have a soothing effect upon the membranes and assist in healing.

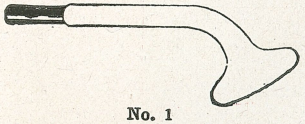
The complete outfit consists of the Generator, a nose-piece, a mouth-piece, pressure bulb, inhalant solution.

Complete with all attachments as shown. $10.00.

MASTER ELECTRODES OR APPLICATORS

Vacuum Glass Electrodes for High Frequency Violet Ray Application are made in two types. Plain, or non-insulated and insulated. Insulated electrodes are used for Orificial treatments mostly, as they deliver a greater quantity of current at the desired locality.

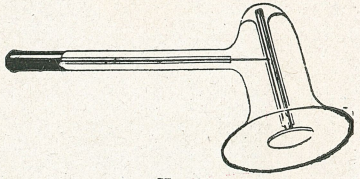
Master electrodes are made of the best grade of special glass, which will stand heavy usage without signs of deterioration. The vacuum in Master electrodes is perfect. The end of the electrodes are protected by metal caps, which insure greater life. All electrodes are carefully tested and packed.



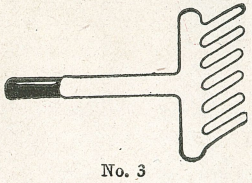
No. 1

No. 1 General Electrode.—For facial and body treatment, and for any surface application. This applicator is supplied with all Master Violet Ray machines as a part of the instrument. **Price** **$1.00**

No. 2 Condenser Electrode.—As the name implies, it condenses the current, and produces a strong, even flow; also generating electrical heat which is very desirable in deep seated cases. Used for Rheumatism, Lumbago, Neuritis, Etc.
Price **$3.50**



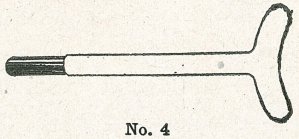
No. 2



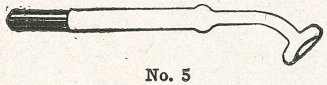
No. 3

No. 3 Comb-Rake Electrode.—Used for all scalp treatments; Falling Hair, Dandruff, Gray Hair, and for stimulating the hair cells. **Price** **$2.25**

No. 4 Throat Electrode.—Designed to fit over the neck. Excellent results have been accomplished with this electrode in Goitre, Tonsilitis, Double Chin. **Price** **$1.50**



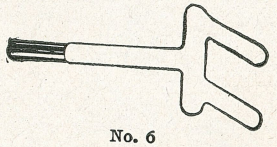
No. 4



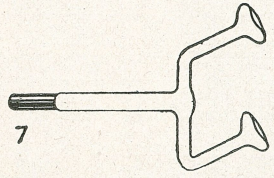
No. 5

No. 5 Eye Electrode.—Single Eye electrode is designed to fit closely over the eye. When treatment is given only a slight warmth can be felt. Is used for the treatment of all eye complaints and for strengthening the optic nerves.
Price **$1.00**

No. 6 Spinal Electrode.—For all Spinal treatments. Arranged so that it fits over both sides of the vertebrae.
Price **$1.50**



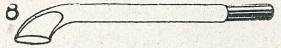
No. 6



7

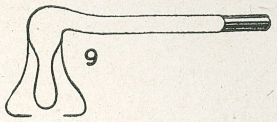
No. 7 Double Eye Electrode.—This electrode is used for the same purpose as the No. 5 Single Eye Electrode, but is designed for the treatment of both eyes at once. It distributes the current evenly to both eyes and is recommended where both eyes are to be treated. **Price** **$2.00**

No. 8 Small Cataphoric Electrode.—This electrode is made with an indentation on the surface to hold absorbent cotton and liniment of any kind. It is used in the treatment of Rheumatism, Lumbago, Neuralgia or in fact wherever liniment is used in connection with any Master Violet Ray machine. **Price**.....**$3.50**

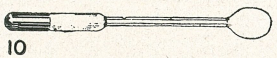


8

No. 9 Large Cataphoric Electrode.—This electrode is used for the same purpose as No. 8, but has larger capacity, and greater space for cotton and liniment. Used in the treatment of Rheumatism. Lumbago, Neuritis, etc., or wherever liniment is used.
Price **$4.50**



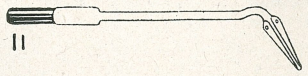
9



10

No. 10 Spatula or Tongue Electrode.—Used for treatment of the mouth or tongue as its name implies.
Price **$2.00**

No. 11 Insulated Ear Electrode—This electrode has been specially designed for treatment of the ear. It is used for the treatment of all Catarrhal conditions in the ear, and for ear ache, deafness and head noises, etc. **Price** **$2.25**



11

12

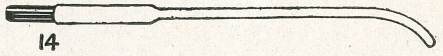
No. 12 Metal Electrode.—This delivers a strong current and is excellent for general tonic and where constitutional effects are desired. When held by the patient, there is no muscular contraction, merely a sense of warmth through the entire body. The current can also be drawn to any part of the body by using the No. 1 electrode or the fingers of the operator. **Price**....**$1.00**

ORIFICIAL TREATMENTS

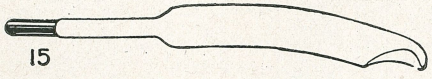
All Orificial electrodes must be lubricated before insertion. For the sake of safety there should be two people in Orificial work, the patient and the operator. The current should be turned on after inserting the electrode into the orifice and turned off before removing the electrode. Orificial treatments are never painful. The electrode should be moved slightly to avoid sticking to mucous membrane. Treatments are not to be continued longer than five minutes.

PLAIN ELECTRODES

No. 14 Urethal Electrode. **Price** **$1.00**



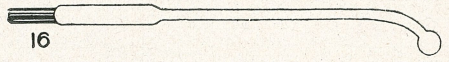
14



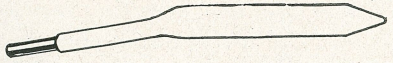
15

No. 15 Vaginal Electrode. **Price** **$1.00**

No. 16 Internal Throat Electrode. **Price**..**$1.00**



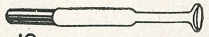
16



17

No. 17 Rectal Electrode.
Price **$1.00**

No. 18 Corn Electrode.—This electrode is used for the treatment of corns. It fits snugly over the corns. **Price** **$1.00**

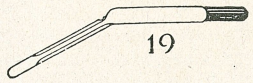


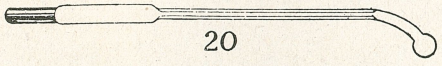
18

INSULATED ELECTRODES

The advantage of insulated tubes is that the current may be introduced without loss into the orifice of the body. In using plain electrode for an orifice, much of the current is lost at the first point of contact. For instance if the prostatic gland is being treated with the plain electrode, much of the current is drawn off at the opening of the rectum, but if the insulated tube No. 22 is used, the current is conveyed to the desired point without loss of current.

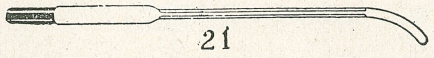
No. 19 Nasal Electrode.—Used for rhinitis, nasal catarrh, etc. **Price** **$2.00**

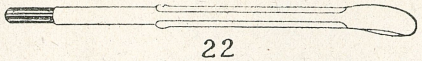




No. 20 Internal Throat Electrode.—Used for tonsilitis, hyperthrophy of the tonsils ulcers of the tonsils, etc.
Price **$2 00**

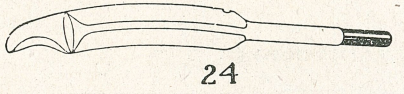
No. 21 Urethal Electrode.—Used for cystitis, strictures, gonorrhea, etc. **Price** **$2.00**





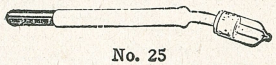
No. 22 Prostatic Electrode.—Designed so that it fits directly over the prostatic gland. In many cases this electrode can also be used for vaginal work in place of No. 24.
Price **$2.00**

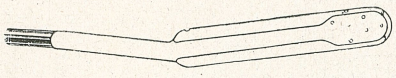
No. 23 Insulated Rectal Electrode. **Price** **$2.00**



No. 24 Vaginal Electrode.—(without perforations).
Price **$2.25**

No. 25 Cautery Electrode.—This has a platinum wire sealed in the glass. For removing warts, moles, or growths of any nature, it cannot be excelled. Very seldom is it necessary to give more than two treatments, most often one application is all that is necessary.
Price **$2.00**





No. 26 Special Vaginal Electrode.—Made with perforations so that ozone may be generated within the vagina. Used for ovaritis leucorrhea, vaginit's and all pelvic inflammations.
Price **$3.50**

CARE OF ELECTRODES

Keep the electrodes clean. Washing with warm water and soap is sufficient. Electrodes will stand heat and can be boiled in water.

MASTER NEON HIGH FREQUENCY ELECTRODES

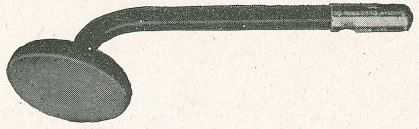
Neon Red Ray Electrode consists of an Electrode which has been highly evacuated and filled to a definite pressure with a very rare gas called Neon. The process of securing Neon is very complicated and expensive, therefore, commercial price of Neon is extremely high. Neon has two salient properties, the faculty of readily conducting electric current and emanating an orange red light which has proven itself to possess decided healing properties. This light can be only secured through the use of Neon gas. When these properties are used in High Frequency Electrodes a great increased efficiency is noticeable in the treatment of certain conditions. The most sensitive parts may be treated with Neon Electrodes without irritation. and they are extremely beneficial to any pustulous or inflamed condition.

Neon electrodes may be used with any Master Violet Ray machine.

NEON ELECTRODE PRICES

All regular Violet Ray Electrodes listed at $1.00 can be supplied at $3.00 each. All regular Violet Ray Electrodes listed at $1.50 and $2.00 can be supplied in Neon Electrodes at $4.00 each.

UNBREAKABLE ELECTRODES



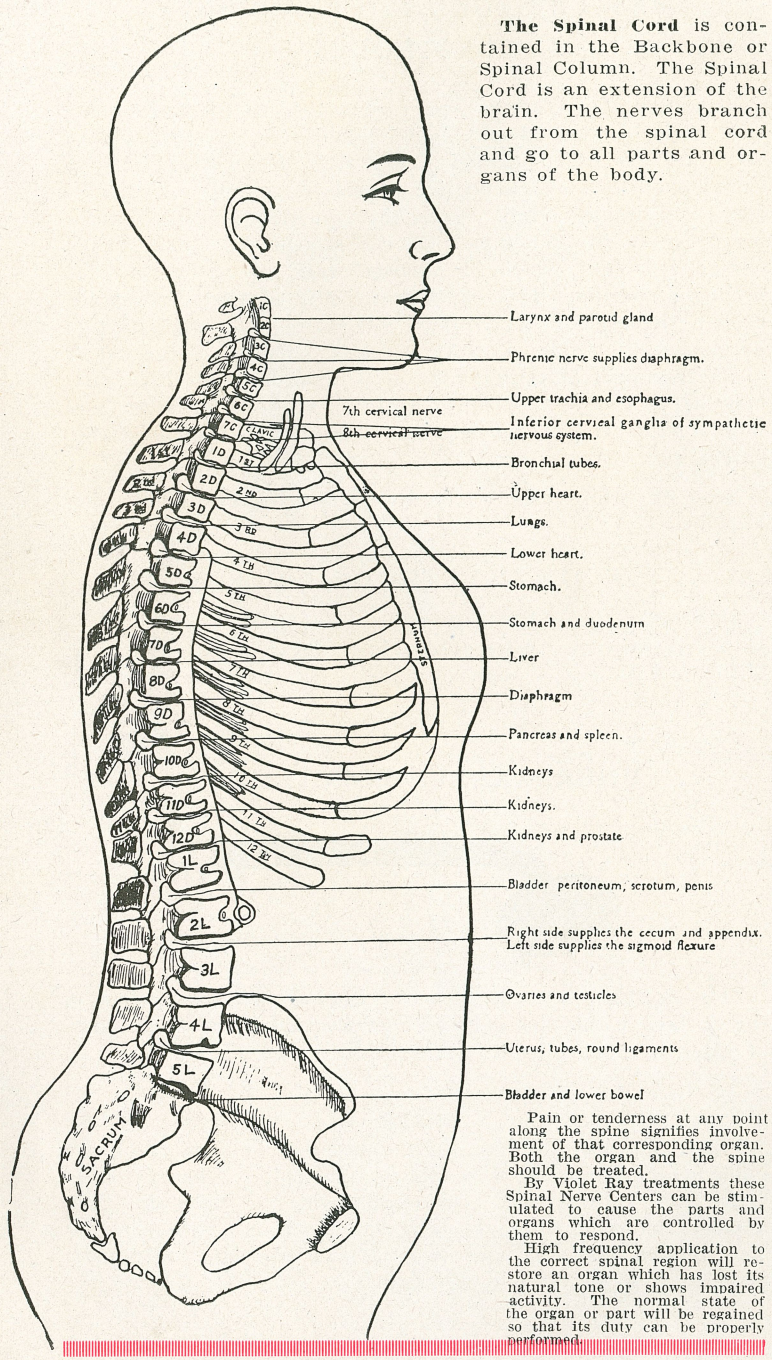
This electrode is made of a special composition supplied in the Surface Electrodes only. These electrodes not being made of glass, are unbreakable. Price $3.50.

NOTE

The electrodes will lose their exhaustion in time and wear out much on the order of an electric light bulb. When difficulty arises with the machine it is usually with the electrode. Try another electrode before blaming the machine. Master Violet Ray seldom give the user—trouble and will last indefinitely. Nothing is to be oiled or adjusted.

THE SPINAL NERVE CENTERS

The Spinal Cord is contained in the Backbone or Spinal Column. The Spinal Cord is an extension of the brain. The nerves branch out from the spinal cord and go to all parts and organs of the body.



Pain or tenderness at any point along the spine signifies involvement of that corresponding organ. Both the organ and the spine should be treated.

By Violet Ray treatments these Spinal Nerve Centers can be stimulated to cause the parts and organs which are controlled by them to respond.

High frequency application to the correct spinal region will restore an organ which has lost its natural tone or shows impaired activity. The normal state of the organ or part will be regained so that its duty can be properly performed.

MASTER VIOLET RAY TREATMENTS

The following are suggestions. In most instances the individual will develop their own technique in their own case.

Violet Ray treatments need not be of long duration. Short treatments at frequent intervals are very effective. Always start with the weakest current possible. The initial discharge which occurs when you bring the electrode to the body in making contact should be avoided. Make contact with electrode quickly when beginning and finishing treatment. If metal object like hairpins, corset steels, chains, etc., cannot be avoided in the treatments they should be removed.

USE YOUR MASTER OUTFIT AS A FIRST AID

There is no quackery or uncertainty about the Violet-Ray High-Frequency Current. It is a thorough cell massage, and a wonderful stimulant, and while it is by no means put forward as a cure-all, yet it is of the utmost aid in restoring to normal the physical condition impaired from almost any cause. The results obtained are universally beneficial and can never in any instance be harmful.

MASTER VIOLET RAY TREATMENTS

The following are suggestions for the treatment of disease taken from cases where physicians or clinics have obtained excellent results. Not all cases will be cured through High-Frequency alone, but in every case it is a valuable adjunct to other treatment; in fact, many cases have been greatly benefited where medical treatment has failed.

Alopecia or Falling Hair—Use Comb electrode No. 3. Use a mild current at first, which can be increased with treatments. Pass the comb back and forth over the entire scalp for about five minutes every day. This same treatment can be used for gray hair in restoring it to natural color. Use same treatment for baldness. Do not use the Violet-Ray on the hair immediately after applying any preparation containing more than forty per cent of alcohol.

Acne: Pimples—Treat the entire surface for about seven minutes with the Surface electrode No. 1. If the skin is damp, either apply talcum powder, or treat through handkerchief or other clean cloth. Use a medium current.

Anaemia—General application to the entire body. Treat with Surface electrode No. 1, over the chest, and Throat electrode No. 4, on throat glands, the treatment to last from five to ten minutes. The Ozone Generator is also of the utmost benefit.

Ammenorrhea—Irregularity—Suppressed Menses—With the vaginal tube No 24 or 26 an emmenagog effect can be produced. Apply any antiseptic lubricant to tube. Give 10 minue treatments every other day. Also apply surface electrode No. 1 to spine, 5 to 10 minutes.

Abscess—To abort an abscess, the use of the surface electrode has been found to be the most beneficial. Keep tube in contact with skin. Apply any antiseptic lubricant on tube before applying. Give 5 to 10 minute treatments.

Adhesions—In conditions following operation or inflammatory conditions. use the condenser tube No. 2. Apply any antiseptic lubricant on tube. Give 10 to 15 minute treatments daily.

Asthma—Apply Surface electrode No. 1 or Condenser No. 2 over the chest and throat glands for about 5 minutes with a strong current. Treatment of Asthma is also found to be very successful by the use of the Ozone attachment, filling it with 1 dram of Oil of Pine; 1 dram of Oil of Eucalyptol; 5 minims Beechwood creosote. Inhale 3 to 5 minutes daily.

Atrophy of the Optic Nerve—By the use of the eye electrode No. 5. excellent results have been attained. Single or double electrode. Intensity of current should be regulated very low, giving 10-minute treatments daily. Apply to the lids, closed.

Ataxia—Use as a strong current as can be tolerated, to spine, over abdomen, and back of legs. Give milder treatment as improvement is noticed.

Barber's Itch—General treatment with electrode No. 1 for five minutes daily.

Blepharitis—Infection Edges of Eye Lids—Excellent results can be produced by the use of the eye electrode No. 5; treatments 10 minutes daily. Also use throat tube No. 4 to go around area of the conjunctiva or mucous membrane of the eye 5 minutes.

Pains in Back Quickly Relieved

Boils — Furunculosis—In treatment of Boils, excellent results have been obtained by giving a light spark around area of infection with the surface electrode No. 1 and then applying the electrode direct on same twice daily. 5-minute treatments.

Bruises — Use Surface electrode over area affected. Treatments about five to ten minutes. Medium or strong current.

Bunions — Use Surface electrode in direct contact with skin, with medium current for about five minutes.

Burns — Apply electrode in close contact with the burned area, using a mild current for a short time, two or three times a day.

Brain Fag—Use applicator No. 1 over forehead eyes. Also treat the back of head and neck with strong current in direct contact with the skin. Treat the spine and hold the electrode in the hand. Ozone inhalations for about four minutes are also of importance.

Blackheads—A mild to medium treatment of five minutes daily. Use Surface electrode No. 1, and apply talcum powder before treating.

Bronchitis—By the use of the Ozone attachment, very beneficial results and great relief can be obtained immediately. Use same mixture as in treatment of Asthma.

Carbuncle—Use the surface electrode No. 1, applying same direct, 10 to 15 minutes daily.

Cataract—Great relief can be obtained in the early stage of cataract by the use of the eye electrode either single or double, with a very fine current, not exceeding ⅛-inch in length.

Callouses—Use a strong electric current with Surface electrode No. 1. The current can also be applied by holding electrode a short distance from the skin.

Cancer—Surface cancers not too far developed can be treated with Cautery electrode No. 25. Anesthetics may be required. Surgery is usually necessary.

Carbuncles—See Boils.

Catarrh—Nasal—In this condition the nasal tube is used within the nose with a mild current within the nasal passages, 2 to 3 minutes on each side, folowed by an application with the surface electrode externally over the area of the nose. Use ozone generator.

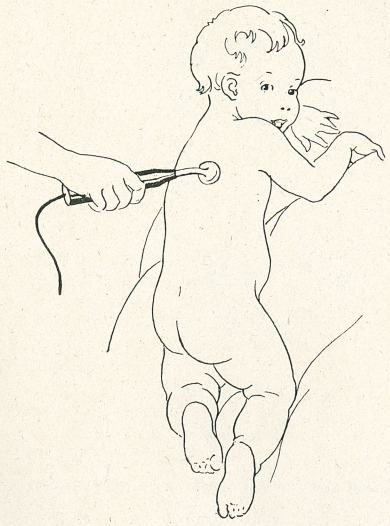
Catarrh of Womb—Use Vaginal electrode No. 24 or No. 26 for five minutes daily. Electrode to be lubricated before insertion.

Chilblains—Use Surface electrode with strong spark applied directly to the skin. Treatment to last about ten minutes.

Cold in Head—See Nasal Catarrh.

Cold in Lungs—See Asthma.

Cold Extremities—Apply Surface electrode direct to affected parts, using a strong spark for about five minutes. Also apply electrode to the spine; keep the electrode about one-half inch from the skin until the surface is red.



Perfectly Harmless. Can Be Used For Baby

Constipation—Apply Surface electrode over the bowels. Apply for about ten minutes moving the electrode. Use a strong current. Physicians use Rectal electrode No. 23 for insertion into the Rectum. Orificial treatments last about five minutes.

Cervicitis—The use of the vaginal electrode No. 24 is very effective, giving 10 minutes daily. Use any antiseptic lubricant on same before inserting.

Coryza—Use the surface electrode No. 1, rubbing same over forehead and sides of face 15 minutes daily.

Cystitis—With the use of the rectal No. 23 and urethral No. 21 tubes, remarkable results have been obtained. Give 5 minutes daily, using any antiseptic lubricant on the electrodes.

Dandruff—See Alopecia.

Deafness, Earache and Ear Diseases—Apply Ear electrode with very mild current into the ear. Care must be exercised so as to not touch the ear drum. Three to five minutes is sufficient.

Diabetes—Apply Surface electrode over the abdomen and spine through a thin towel or cloth for ten minutes. Diet must be observed. Complete results must not be expected before several months.

Diphtheria—Apply Surface electrode to outside of throat and spine. Insulated Throat electrode, inside. Treatment not over ten minutes, repeated at short intervals. Ozone inhalations are also of great advantage.

Dyspepsia—Use electrode No. 1 or No. 2 over the stomach and solar plexus with a strong current for about ten minutes.

Eczema—By the use of the surface electrode No. 1, excellent results have been obtained by giving the patient as much current as can be endured. Another beneficial way of treating is to apply gauze over the area and go over same with the electrode.

Enteritis—In acute cases of Enteritis not as beneficial results may be expected as in chronic cases, but same can be treated by giving tonic applications with the surface electrode No. 1 over the area of the abdomen. 15-minute treatments daily. In chronic cases, excellent results can be obtained by giving treatment twice daily with the condenser electrode.

Epididymitis—Great relief is given immediately by the use of the surface electrode No. 1 in the area involved. Give 15 minutes daily.

Erosions of the Cervix Uteri—Excellent results have been obtained by the use of the vaginal electrode No. 24. Bring tube in contact with the Cervix, giving 10 minutes daily, using any antiseptic lubricant on the tube.

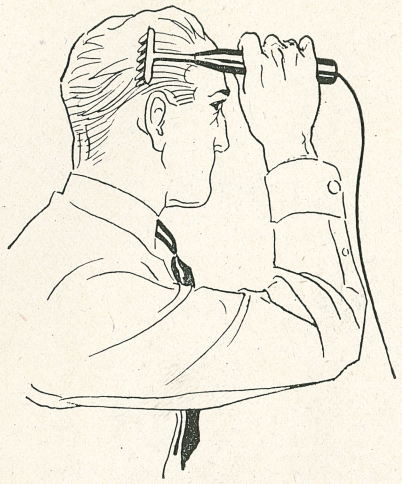
Freckles—Cover surface with gauze and treat daily with a medium current of from five to ten minutes' duration. Results are quite apt to be very slow and patience is required.

Frost Bites — See Chilblains.

Fissure—Anal— Remarkable results, and in many cases complete recovery, can be expected by the use of the rectal electrode No. 23 tube. Aply an antiseptic lubricant on the tube before inserting, giving 10 minutes daily.

Goitre—In Goitre cases, by the use of the surface electrode No. 1, the tube contact with the surface should be kept in light of the skin, treating the sides of the neck as well as over the Goitre itself, giving 10-minute treatments daily.

Gonorrhea—In sub-acute or chronic forms, marked beneficial results have been obtained by the use of the urethral No. 21 or vaginal No. 24 electrodes. Apply any antiseptic lubricant on tubes before inserting. Give 7-uinute treatments daily.



Fine for Scalp and Hair Treatment

Gleet—By the use of the urethral No. 21 and the rectal No. 23 tubes, unusual results have been obtained. Insert same with any antiseptic lubricant, giving 10 to 15 minute treatments daily.

Grippe—Breathing through Ozone Generator gives immediate relief. Follow with treatments over side of nose, and in some cases with Nasal electrode No. 19 internally. Treatment five to ten minutes.

Gout—Apply Surface electrode to the spine to stimulate the system. Then apply Surface electrode to the painful area with a medium current, keeping the electrode in contact with the skin but moving same about. Pain may be noticed at first but results are certain if treatment is continued.

Gray Hair—The natural color of the hair may often be restored by continued and patient treatments with electrode No. 3. See Alopecia. Several months are usually required for results. Use a current for stimulation at least once a day. Read Eberhardt's Manual.

Hay Fever—Apply Surface electrode over the nose and along spine with medium current for five minutes. Apply electrode No. 19 in nostrils for a short time. Treatment must be of short duration but frequently repeated. Use the Ozone Generator freely, it being advisable to Ozonate the entire room with it. For satisfactory results treatments should commence two or three weeks before period of attack.

Headaches—Frontal and Occipital headaches are relieved by using the surface tube No. 1 over the seat of pain. Keep the tube in loose contact and prolong the treatment until relief takes place, which usually takes from 5 to 10 minutes.

Hemorrhoids—With the use of the rectal tube No. 23, temporary relief may be obtained by giving 5-minute treatments daily.

Herpes—Zoster—Application of the condenser tube in the eruption of Herpes. Recovery can be hastened by giving 10-minute treatment daily. 3 to 5 treatments are usually sufficient.

Impotence—The most beneficial way of treating this condition is by the use of the prostatic tube No. 22 with plenty of spark. Use the surface electrode No. 1 slightly raised over the area of the spine from 5 to 7 minutes daily. Direct application with special electrode is also of great importance. This electrode can be used for 5 to 10 minutes. Treatments once or twice daily.

Rheumatic Pains in Limbs Disappear After Few Minutes Treatment

Incontinence of Urine—Apply the surface electrode No. 1 over the area of the spine, raising same slightly; also apply electrode around the area of the Bladder. 5 minutes daily.

Influenza — Treat the spine and solar plexus with the No. 1 electrode. Also over the eyes and the sides of the nose. Treatments to the spine are made through a towel for five minutes. Also use Ozone Generator.

Insomnia — The method most beneficial has been the use of the condenser tube which is kept in light contact with the back of the head and the neck, going down the spine for about 5 minutes daily before retiring.

Intra-Ocular Hemorrhages—The eye electrode No. 5 in contact with the closed lids using a very light current for about 5 minutes, has produced favorable results in many cases.

Iritis—Treat as outlined above. Good results have been obtained in Syhpilitic-Iritis.

Jaundice—By the use of the condenser electrode, great relief can be obtained. Apply electrode over the area of the liver, 10 minutes daily.

Laryngitis—The throat electrode either by the loose contact or mild spark will greatly aid in treatment of this nature. Ozone inhalations are most advisable.

Lumbago—Apply the current through the clothing with as strong a current as can be tolerated. Continue treatment until pain is gone. Keep the electrode moving and give long treatment.

Leucorrhea—Use Vaginal electrodes No. 24 or 26, lubricating before insertion. A medium treatment for five minutes is applied and repeated as circumstances require. Current should be turned on after insertion of electrode and off before removal of electrode. Antiseptic douches in connection.

Metorrhea—Treat the same as Amenorrhea.

Neuralgia—To obtain a hurried relief of neuralgia, the surface electrode No. 1 should be used. Pass back and forth in light contact with the skin, giving 10-minute treatment as needed.

Neuritis—Use Surface electrode for five minutes at a time. Several treatments a day are advisable. Use light current at first, and gradually increase same. Apply locally or to entire body, depending upon the condition.

Obesity—Apply Surface or Condenser electrode No. 2 for fifteen minutes twice daily. Use very strong current. Fats will be consumed by increase of oxidation but diet must be reduced and watched.

Orchitis—Relief can be immediately obtained with the surface electrode No. 1 over the area of the testicles, giving 5-minute treatments.

Parotitis—The condenser electrode, using a medium intensity of current over the diseased area, giving 5 to 10-minute treatments daily, is very beneficial.

Pharyngitis—In acute forms with the use of the throat electrode, quick relief can be obtained. Give 5-minute treatments daily.

Pleurisy—Using the condenser tube over the front and back of the chest until a marked reddening of the skin indicates a counter irritation. Two or three treatments are necessary in acute cases and one daily in chronic cases.

Psoriasis—This is treated by the same technique as that employed in eczema.

Piles—See Hemorrhoids.

Rheumatism—The condenser tube is of exceptional value in chronic and muscular rheumatism. Apply the electrode over the area 10 to 15 minutes daily.

Ringworm—Use the Surface electrode and apply short sparks several times a day with a medium current for several minutes.

Scars—By the use of the surface electrode No. 1 a softening effect can be produced on soft tissue, treating same 5 to 7 minutes daily.

Sciatica—Apply the condenser electrode along the course of the nerve and over the lower part of the spine, giving 10-minute treatments daily.

Sinusitis—The use of the surface electrode No. 1 gives a hurried relief by applying same over the area of the Sinuses daily for 5 minutes.

Sore Throat and Throat Diseases—Use Internal Throat electrode No. 20 with medium current for five minutes, and for the External Throat electrode No. 4 on the outside of the throat for the same period of time.

Stiff Neck and Joints—Apply Surface electrode, using the same method as explained in Neuritis.

Tonsilitis—Use treatment as above for Sore Throat. Ozone treatments are also of importance.

Tuberculosis—In the incipient type of tuberculosis, exceedingly good results can be obtained and tubercul bacilli eliminated by the use of the Ozone attachment, filling same with one-half dram of oil of eucalyptol, and one dram of oil of pine, ten minims of beechwood creosote, using the same morning and night. With the use of the general electrode over the area of the chets, this will also be found beneficial using same 10 minutes daily.

Urticaria—Hives—Urticaria can be quickly eliminated by the use of the surface electrode No. 1, going back and forth over the area for 10 minutes daily until condition is gone.

Warts and Other Small Growths—The Fulguration electrode should be used, as it throws a fine sharp spark. Apply to growths long enough to cauterize the surface. A few seconds is usually all that is necessary. Wait a day or two for results and, if necessary, repeat. Where there is no Fulguration electrode the Surface electrode can be used by holding it about one-eighth inch from the growth and allowing the sparks to pass from the edge of the glass

Writer's Cramp—In this condition a hurried relief can be effected by the use of the surface tube No. 1 over the area of condition, using same until condition is relieved.

Wry Neck—Torticollis—Using the No. 1 or No. 2 over the area of the neck and down the spine daily for 10 minutes, relief can be effected.

DIRECTIONS FOR OPERATING

The Master Violet Ray

1. Insert glass applicator into the instrument.
2. Attach the connecting plug to the lamp socket.
3. Turn the current on.
4. Adjustment of the Violet Ray discharge is obtained by the adjusting knob. To the right the discharge increases, to the left it decreases.
5. Start any treatment with a mild discharge and increase it gradually to the required strength.
6. Take good care of the connecting cord. Keep it dry and free from knots and twists. Have it repaired in time if signs of wear appear.

DON'TS

1. Do not attempt to repair the apparatus. If the necessity arises, write to the Factory advising of your difficulties and you will be informed what to do.
2. Do not use the Master in connection with any tonic or medicant containing a large percentage of alcohol on the hair or any part of the body.
3. Be careful with the apparatus and when not in use turn the current off. Be on the safe side and remove the connecting plug from the lamp socket after use.
4. Do not use in connection with electric bath.

NOTE: Damages arising from carelessness are not covered by our guarantee. If instructions are properly followed, the Master will last indefinitely.

Unless otherwise specified all machines will be furnished to operate on standard voltage of 110 to 120 volts. Machines can also be furnished to operate on 220 volts and 32 volts.

GET YOUR MASTER VIOLET RAY NOW

The Master Violet Ray is the most practical, serviceable instrument you can secure. They are designed to meet the requirements for a high grade Violet Ray for the home as well as the profession.

Its simplicity of operation, wide range of adjustment, durability, beauty and unique construction make it the ideal general purpose Violet Ray. We challenge anyone to offer a better Violet Ray at anywhere near its price.

Master Violet Ray instruments are equipped with perfectly balanced coils which prevent their overheating, a feature that should not be overlooked when purchasing any Violet Ray. Because of this feature, our instruments may be used constantly for long periods without fear of overheating.

Every point of construction, every piece of material used, is given careful attention with the view of placing in the purchaser's hands the best your money can buy. An instrument that will give service when needed and one that will not break down under continued use.

We manufacture only high grade, substantial machines. Quality considered, the price is most reasonable, within everybody's reach.

These and the fact that thousands of others are deriving complete satisfaction from the use of their instruments, are the reasons why you should insist on securing the Master Violet Ray only.

The wonderful Master Violet Ray treatments are now within the reach of every man, woman and child in the world. The remarkable curative and health promoting properties of Violet Rays are available in every home at a cost so low that nobody can afford to be without a Master Instrument. The machine will last for years and pay for itself over and over again.

GUARANTEE

The Master Violet Ray instrument is guaranteed against mechanical and electrical defects for a period of one year from date of purchase by the user, providing that all instructions for the proper use and operation have been followed. Defective parts will be replaced free of charge when needed, providing the apparatus is returned to the factory prepaid. Glass applicators are not guaranteed for any specified period of time; they are made of the very best material obtainable and thoroughly tested before shipping.

The Master Electric Company, Inc.
113 S. Jefferson Street
Chicago, U. S. A.

Master Electric Company

VIOLET RAYS

Master Electric Company

The MASTER VIOLET RAY

The Master Electric Co.

421 SOUTH MARKET STREET
CHICAGO

PRINTED IN U. S. A.

Introduction

THIS book is written with the purpose of introducing the Master Violet Ray and explaining its superior merits in the treatment of physical disorders to those who have not already experienced its wonderfully beneficial effects.

To the thousands of users of Master Violet Ray Instruments, we need no introduction. The machines speak for themselves and the numerous commendations we have received testifying to the complete satisfaction given by these instruments, are sufficient proof that our unqualified guarantee is well founded. These users of Master Instruments know that for service, reliability and general satisfaction they can find no machine the equal of the Master.

To our new friends and potential customers we want to say, that for years we have endeavored to produce the best Violet Ray instrument possible at a popular price. That we have succeeded in this is attested to by the many satisfied users who would have no other than a Master Violet Ray. We have maintained a policy of using first-class materials with high grade workmanship only, and by constant experiment and tests have produced a Violet Ray for home and general use that is without equal.

Every machine leaving our factory is thoroughly tested and inspected and is accompanied by our absolute guarantee. Any dissatisfaction will be immediately adjusted.

The Master Electric Co.

The Violet Ray

One of the most remarkable developments of the wonderful science of electricity is that of the Violet Ray machine or high frequency generator. The Violet Ray may be said to be a diffusion of an electrical current of tremendous power and resistance, into millions of tiny harmless units which can be applied to the tenderest and most delicate parts of the body without the slightest harm. As applied to the human body, its results have been found to be of enormous benefit in innumerable instances.

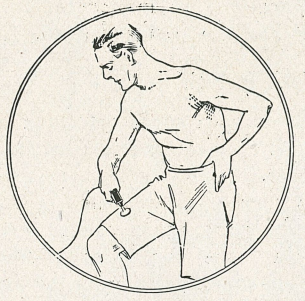
Causes of Human Ailments

All human ailments, with the exception of certain highly contagious and infectious diseases, can be traced to faulty circulation and impure blood. When exercise is taken as a matter of course and sound sleep and appetite are natural, weakness and disease seldom develop for the reason that the blood is adequately supplied in its richest state to every part of the body, thereby nourishing every organ and muscle and providing adequate protection against any tendency to weakness. As persons grow older, however, there is a tendency to forsake physical exercise and to retire to a quieter and more secluded mode of living. The circulation suffers accordingly, and instead of being driven to every part of the body in its richest state, a portion collects in the internal areas and becomes stagnant because of the impurities thrown off by the body. These impurities are absorbed by the tissues and a condition of self poison results, as a consequence of which the body begins to deteriorate, the digestive organs fail to function properly, the internal organs become sluggish and weak, and weaknesses develop which are peculiar to men or women. This weakened condition of the blood and vital organs leaves the human body easily susceptible to any disease to which it may become exposed.

Counteracting these Causes by the Use of the Violet Ray

The Violet Ray has provided the means of bringing to every home, at a reasonable price, a method whereby every vital process can be quickened and the blood made to course through the body with renewed vigor. If necessary, the treatment can be concentrated on any organ, muscle or nerve, however delicate or tender, and the same results secured. By this treatment the impurities are washed from the affected organs by a rich, warm flow of blood which nourishes and stimulates the tissues and which is generated by the penetrating current of the Violet Ray reaching the cells which supply life to the tissue, and causing them to vibrate. The stagnant pools

of blood are thus set in motion and the poisons contained therein are relieved of by the purifying processes of nature. The



blood thus being freed of poisons is able to take up oxygen from the lungs and nutrition from the digestive organs and returns laden with tissue-building material to every part of the body. In this way new tissue is formed to replace that destroyed by disease and carried away in the blood stream. This process of stimulation is called a "cellular massage" because of the fact that the vibration or contractile effect is expended upon the individual cells making up the tissue, rather than on individual muscles. This is an important reason why the high frequency current produces such a marked effect on nutrition and general health. Cellular massage is much more penetrating and beneficial than muscular massage as produced by mechanical vibration.

Application of the Ray

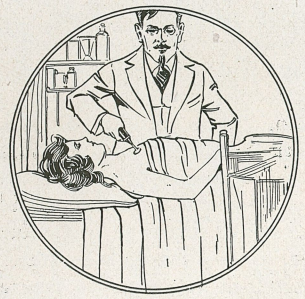
The Master Violet Ray is applied through vacuum applicators or electrodes, made of annealed glass. The electrodes diffuse the electrical current in sprays of a beautiful deep violet color. These sprays vibrate to and fro thousands of times per second. This rapid vibration is what produces the pleasing invigorating and corrective effect derived from Violet Ray treatments and described as cellular massage. A few minutes application each day, simply holding the applicator in the hand, furnishes a tonic to the system which does much to fight disease and keep the body in a healthy state. Inasmuch as prevention is to be desired a thousandfold rather than a cure, this point alone makes the Master Violet Ray indispensable in your home.

The Violet Ray, while introducing all of the tremendous power of electrical energy into the body, does so without the slightest pain, shock or contraction of muscles. Its application, on the contrary, produces a pleasing sensation, and the amazing results of the Violet Ray treatment have caused it to be accepted by physicians throughout the country as part of their equipment. The machine is ready for use by simply connecting it to any convenient light socket. The Master Violet Ray is the essence of simplicity and can be operated by a child with the utmost safety.

Methods of Applying the Violet Ray

Three distinct methods of application are in general use, according to the conditions present and the results desired.

FIRST: LOCAL APPLICATIONS.



Given with specific surface or orificial applicators made for that purpose.

A beneficial warmth is induced by the action of the Violet Ray, the capillaries of the skin are stimulated during the application and for some time thereafter. Any local application with a vacuum electrode is an effective antiseptic, largely on account of the ozone generated.

One of the greatest benefits of the Violet Ray, is the fact that it can be used with such excellent results in local conditions. When the Master Violet Ray is applied to any part of the body, it gives to a certain extent a general treatment by stimulating the circulation. In treating local conditions, these results are greatly increased by giving a local treatment to the part affected. Suppose one is afflicted with rheumatic pain in the shoulder, you apply the Violet Ray treatment to the painful part. The result noted, will be an immediate sensation of warmth. After a slight treatment it will be noticed that the part treated has become slightly reddened by the blood that is sent in response to stimulation secured from the treatment.

These local treatments can be given to any part of the body with very good results. They produce the desired result at the treated part quickly and also benefit to a remarkable degree the entire system. The body is penetrated by radiant atomized electricity, restoring energy and vitality to the entire system.

SECOND: GENERAL APPLICATIONS.

Taken as electrification treatment for the effect on the general condition. The entire body is saturated with electrical energy by simply holding the electrode in the hand. This produces a sedative or quieting effect.

Violet Ray High Frequency Currents have the tendency to establish a normal equilibrium of the entire nervous system. Arterial tension during a general treatment usually increases slightly while it falls a short time afterward. General treatments are recommended in all nervous disorders and diseases.

THIRD: INDIRECT APPLICATIONS.

Combines local and general treatments and requires two people. The party to be treated holds the electrode firmly in the hand. A second party then may draw with either hand, finger-tips, or another electrode, the high frequency current to the desired spot of the patient's body.

Selective Effects Obtainable

A: AS A SEDATIVE.

A sedative, quieting or soothing effect can be obtained and is of great benefit in all nervous ailments. This effect can be produced locally by keeping the electrode in close contact with the part to be treated. Painful sensations can be relieved, irritated nerves tranquilized and soothed. Nervous disorders are quickly and beneficially influenced by a sedative treatment.

B: AS A STIMULANT AND TONIC.

A stimulating effect is produced when the electrode is lifted somewhat during the application or used through the clothing or a cloth which has been put over the part to be treated. The length of the stimulating sparks depends on the thickness of the clothing or cloth placed between the electrode and the body. Uniformity in spark length is insured by the cloth. This stimulation is caused by the many small sparks generally called High Frequency Spray. They cause a pleasant and tingling sensation and bombard thoroughly the area which they cover, resulting in a very beneficial heating effect. They also generate ozone which is directly driven into the tissue, causing the ozonation of the blood. These sparks are germ-killing and overcome infection.

Stimulating treatments through clothing are very beneficial in rheumatism, lumbago, and partial paralysis. Skin disorders, where the circulation is impaired, are often greatly benefited by a slight stimulation. A single layer of a handkerchief produces enough resistance in such cases. An ordinary towel is best to use in chronic rheumatism and similar affections.

Loss of weight, lack of appetite, general weakness, lassitude and similar conditions as a rule indicate Anemia or impoverished blood and poor circulation, commonly called a run down condition.

The Master Violet Ray primarily increases the blood circulation. It does what the worn out run down body cannot do naturally. Disease germs are therefore fought and consumed, poisons are dissolved and carried away.

C: AS AN INTERNAL ANTISEPTIC.

Wherever the Violet Ray comes in contact with the oxygen in the air it changes a part of that oxygen into what is known as ozone, a concentrated form of oxygen that is a great many times more active than that in the air. Oxygen in the blood has the remarkable quality of burning up dead or diseased cells without burning up those that are healthy, and it is the only antiseptic known that can be taken directly into the body with this effect.

For this treatment the Master Ozone Generator shown on page 20 may be used with any Master machine for the purpose of obtaining large quantities of ozone for inhalation. The effect of inhaling ozone is much the same as that of inhaling large quantities of pure air, or even pure oxygen. It purifies and enriches the blood, invigorates the body and causes pure oxygen to be taken up in large quantities in the blood stream.

Ozone inhalation is of particular benefit in the treatment of respiratory disorders. Taken into the lungs it attacks the diseased cells and causes them to be oxidized and thrown off with the exhaled air. It is a most essential form of treatment for asthma, hay fever, and all lung, throat and nose cases.

This treatment may also be obtained by using a surface applicator and applying it to the surface of the body nearest the seat of trouble. As the Violet Ray leaps from the applicator into the body it carries with it minute quantities of this concentrated oxygen which is thus injected directly into the tissues and blood. This is known as cataphoric action and has the effect of overcoming the lack of oxygen in the blood by charging it with an added quantity.

AS APPLIED FOR SPECIFIC CONDITIONS AND ILLS

The Hair, Scalp and Skin

If Nature has not endowed you with the charms that you desire, or if work and worry have left their lines in your face and figure, you can erase them with the Master Violet Ray. Rich, red blood is brought to the skin with the use of the Violet Ray. It nourishes the tissues and cells and brings the radiant hue of health and beauty to the skin. All facial blemishes quickly vanish.

If you do not feel well you cannot look well. Many women realizing that good health is essential to real beauty and the prolonging of youth use the Master Violet Ray with faithful regularity. The results obtained through its applications will be a revelation to you and in a remarkably short time will bring your body, health and appearance to that condition that Nature intended it should be.

Practically every disease of the scalp and hair, as dandruff, falling hair, etc., can be traced to the improper circulation of the blood flowing through the scalp. The roots are fed through the blood, which flows through small capillaries in the scalp almost microscopic in size. Because of their smallness, they become clogged very easily, as a consequence of which most persons are affected with some form of scalp disease. To overcome scalp disease, it is first necessary to remove the cause, and as this is poor nutrition due to faulty circulation, the Violet Ray naturally suggests itself as the ideal remedy.

For treating the scalp we have a special comb electrode which conforms to the shape of the head and pulls easily through the hair. Millions of tiny electric sparks jump from the applicator to the scalp, carrying with them pure ozone which acts as a germicidal agent and destroys any foreign organism which may be present. The tiny nerve and blood vessles are gently massaged, the blood starts flowing and nourishment is brought to the roots of the hair.

By the first treatment a warm glowing, healthy feeling is brought to the scalp, and with a few successive treatments great improvement will be noted. The hair very quickly takes on a natural, glossy and healthy appearance. The use of the Violet Ray for a few minutes each day will make the hair thick, healthy and beautiful.

The Violet Ray is used by all modern beauty specialists in the treatment of the hair and skin.

Neuritis

Neuritis, as commonly understood, is rheumatism of the nerves. Although any nerve may be involved, the name neuritis is confined almost entirely to inflammation of the brachial nerves, which run from the upper part of the spine across the shoulders and down the arms. When the arms are lifted slightly, sharp, twinging, shooting pains are felt in the arms

and shoulders. Temporary relief can be secured by the use of properly applied heat, but a cure can be effected only by relieving the inflammation and removing the cause of the pain.

Treatment should be with very mild current gently applied to the pain area for about three minutes several times daily. As these nerves react very quickly, the first few treatments should be mild and short, but as the nerves become accustomed to it the treatment should be increased in strength and duration.

Not only does the Violet Ray improve health, but a permanent relief is secured by relieving the inflammation and removing the cause of the ailment.

Rheumatism—Lumbago

One function of the blood is to dissolve and carry way poisons. When circulation becomes sluggish or impaired these poisons, instead of being carried away are deposited throughout the system, most commonly at the joints. At first this causes but slight annoyance, but continued deposits result in the joints becoming solid, swollen, and severely painful. This condition is known as Articular Rheumatism, and will act upon the muscles in a similar manner, resulting in what is commonly called Muscular Rheumatism.

Inflammation of the nerve or muscles situated immediately below the small of the back is known as Lumbago. These pains are most apparent when the body is inclined forward or sideways, or when these muscles and nerves are brought into use.

Application of the Violet Ray to the affected parts restores circulation to normal, drives oxygen directly into the blood and results in a consequent dissolution of the poisonous deposits causing the ailment, thereby relieving the inflammation. Increased quantities of nourishment brought by the invigorated circulation build up and restore the affected part to normal.

Headaches—Insomnia—Brain Fag

A headache is a symptom of some local or constitutional derangement and not a distinct disease. Few drugs are directly curative and some are paralyzers of the heart while others destroy the red blood corpuscles.

When the Violet Ray removes pain it also builds up the forces of nutrition and general health. One of the most common uses of the Violet Ray is the removal of headache and in such a way as to leave the system in a normal and not a "doped" condition. Long, lasting relief is the rule, but some forms of pain return, and for these regular and persistent treatment is required.

Adequate and refreshing sleep and brain rest is necessary to good health. Inability to obtain these necessities is a very troublesome symptom which one should not neglect. There is no substitute for adequate sleep and rest. The Violet Ray, by its sedative action, tends to soothe and calm the nervous system and equalize the circulation, thus restoring this most essential capacity to normal.

Dyspepsia, Constipation and Digestive Disorders

These disorders are usually caused by lack of exercise and consequent accumulation of stagnant blood in the abdominal cavity. This causes the digestive organs to become congested, sluggish, and inactive and results in liver trouble, biliousness and constipation, with a consequent lowering of bodily vigor.

Treatment consists in getting this blood into circulation so it will find its way to the lungs to be properly purified. The digestive organs must then be stimulated to function properly in

order that they may be relieved of the accumulation of bodily waste. The Violet Ray can be applied to the seat of the trouble and gives wonderful results in the treatment of cases of this nature.

Correcting Female Complaints

The Sexual system, particularly in women, is very delicately adjusted and any disorder affecting other parts of the body, may have an influence on this system. Drugs act directly on the part affected, instead of removing the underlying cause.

These are three groups comprising female disorders. First—those caused by weakness of the parts or the supporting tissues. Second—Nervous troubles, and Third—those resulting from internal infection.

Master Violet Rays show real results in correcting disorders of this kind because they not only treat the trouble locally, but act as a general tonic, and build up the health.

For relief of the ailments in the first and second groups—Daily applications of the Master Violet Ray, applied over the abdominal region, back and spine are highly beneficial. These rays exert a tonic, strengthening influence on the organs and restore them to normal. Spinal applications give immediate lasting results in nervous troubles, usually associated with disorders of this kind. The general health is built up—all the organs strengthened and the real cause of the weakness removed.

In the third group—those caused by internal infections are usually characterized by inflammation, pain and frequently by unnatural discharges.

In addition to the above mentioned treatment, internal treatment with one of the Vaginal Electrodes is advised. This internal application acts as a local antiseptic and relieves inflammation. The internal treatment should not be applied for more than five minutes.

Treatment for Men

Generally men become afflicted with ailments of the sex organs as do women, and the same general tonic treatment prescribed for women may be applied to men. A building up of the general health and the strengthening of the tissues and organs are the results of daily treatment with the Master Violet Ray.

Prostatic Trouble

For permanent lasting results, Violet Rays are without equal in treating this ailment. Physicians testify to its success, when medical treatment has failed. By the use of the prostatic electrode the healing heat and stimulating effect of the Violet Ray may be applied directly to the inflamed gland. In addition external treatment should be applied over the lower spine thus stimulating and building up the nerves leading to the prostate gland. A mild current applied for five minutes should be used.

Metabolism—The Secret of Health

Perfect health depends upon the proper functioning of the combined building up and tearing down processes that are continually going on within our bodies and which are commonly described as Metabolism. Human energy is produced by the oxidizing, or burning up of certain elements in the cells and tissues throughout the body. This process is responsible for the heat of the body.

For the purpose of maintaining health, these elements that are being burned must constantly be replaced by nature. All too frequently, however, the balance ordinarily maintained be-

tween these processes is disturbed by a deficiency or surplus of new material. In cases where there is a deficiency the parts affected become wasted, weakened, and an easy prey to disease. In the second case they become fat, flabby and enlarged and, as a consequence, are unable to function properly. In either case the result is poor health.

A person's age, in terms of health and appearance, is governed by this process of metabolism. In early life the building up process is dominant and we have a period of growth and development. In the early twenties the stationary point is reached where the two are balanced. As long as this balance is maintained health is good and the human body is possessed of the buoyant energy and vitality characteristic of young manhood and womanhood. A disturbance of this balance results in the loss of this vitality.

The tearing down process dominates during the period of old age or decline. It is independent of years, however, and frequently begins in persons under thirty. With proper care, however, the building up process can be made dominant for many years and the ravages of old age postponed indefinitely.

Metabolism depends largely on the quality and proper circulation of the blood. A proper amount of oxygen is necessary in the blood to oxidize the body tissues and thus furnish energy. Tissue building elements must be supplied through the blood to replace those that are oxidized, and disease germs which find their way into the body must be overcome.

Every person who needs concern himself or herself with the subject is familiar with the symptoms of old age. Suffice it to say that the first indication is the loss of bouyancy felt in early life, followed by minor disorders which gradually grow more serious. It is highly important that these symptoms be overcome in their earliest stages.

The Violet Ray not only prevents the premature appearance of these symptoms, but will remove the cause of them after they have become apparent, if properly used. It does this by normalizing Metabolism—by working through the blood stream and equalizing the two processes necessary to perfect health.

Violet Ray treatments increase the oxygen content of the blood, thus hastening the oxidizing process in the tissues and causing waste material to be thrown off. It energizes every cell causing new tissues to be built in a normal way and assisting in the removal of surplus fat and foreign deposits. It prevents the formation of injurious mineral matter in the walls of the veins and arteries and elsewhere in the body. By the addition of its aiding the processes of digestion, assimilation and excretion it can be readily seen that it will correct the tendency to premature age by the normalizing of every bodily function.

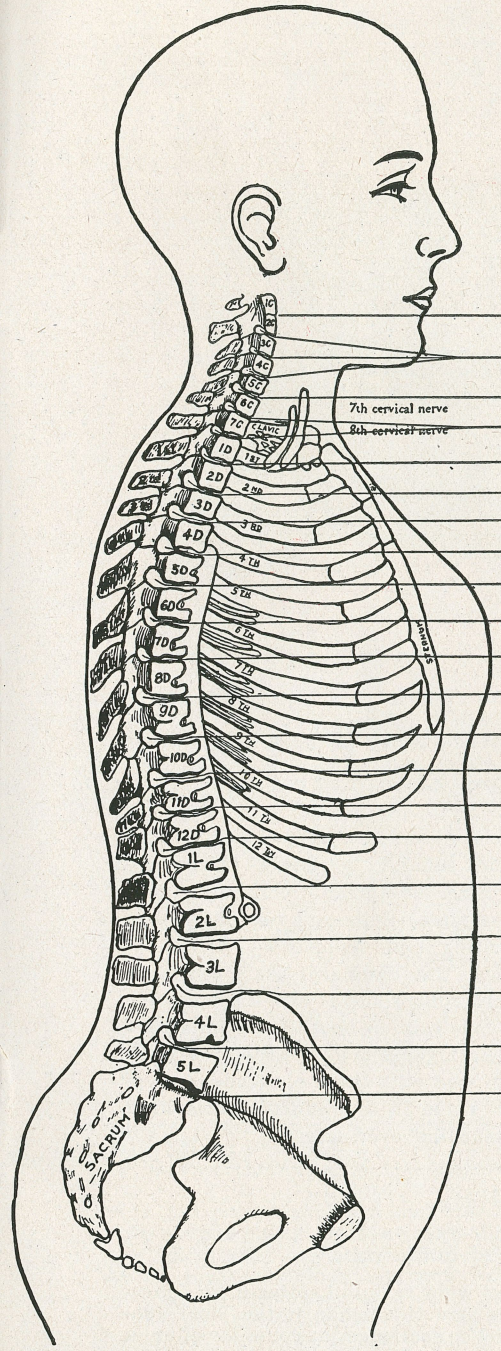
Keep This in Mind

Do not be afraid of the Violet Ray High Frequency current. It never harms. It causes no shock. Use Violet Rays freely so that you may familiarize yourself with their peculiar nature.

Violet Rays grow in their usefulness the more you study their action and effect. Make it clear to yourself what you wish to accomplish. If you want a soothing effect, do not apply a strong spray by holding the applicator distant from the part to be treated; make a close contact instead with the bare skin. If you wish stimulation treat through the clothing with a current strong enough to reach your tissues. If a tranquilizing effect to quiet the nervous system is desired, do not use a current strong enough to cause irritation. Let these be the guiding principles to you and the result in the use of the Violet Rays will be surprising.

The Spinal Nerve Centers

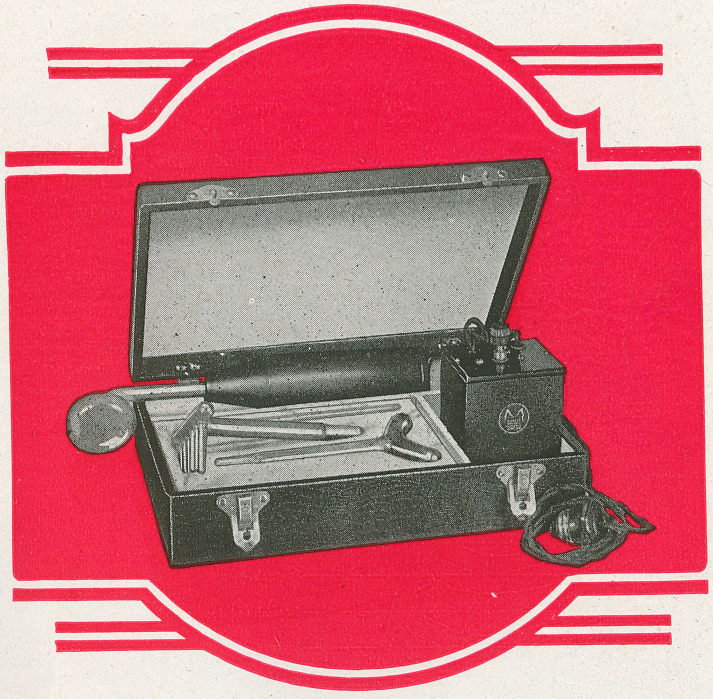
The Spinal Cord is contained in the Backbone or Spinal Column. The Spinal Cord is an extension of the brain. The nerves branch out from the spinal cord and go to all parts and organs of the body.



Pain or tenderness at any point along the spine signifies involvement of that corresponding organ. Both the organ and the spine should be treated.

By Violet Ray treatments these Spinal Nerve Centers can be stimulated to cause the parts and organs which are controlled by them to respond.

High frequency application to the correct spinal region will restore an organ which has lost its natural tone or shows impaired activity. The normal state of the organ or part will be regained so that its duty can be properly performed.



Master Violet Ray No. 11

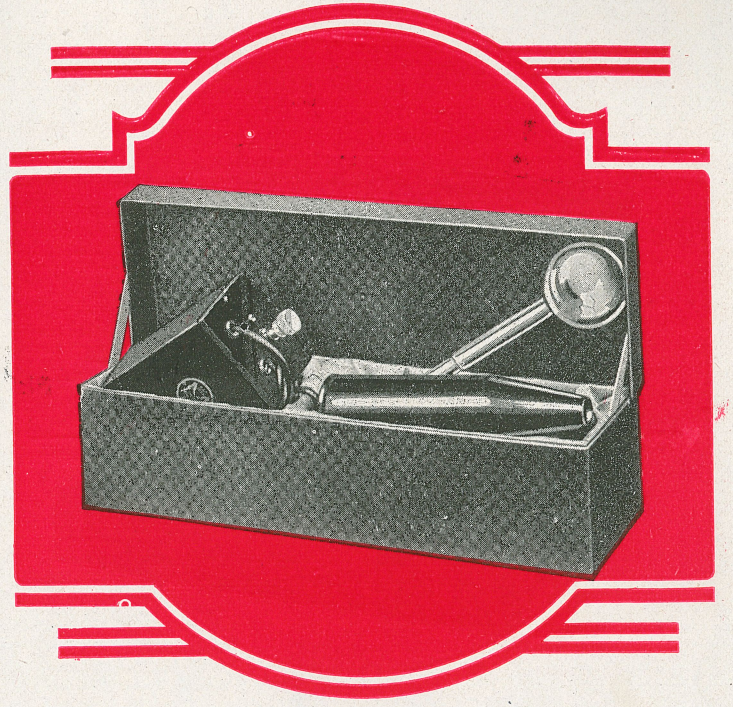
This wonderful new machine comes equipped with three electrodes—comb, throat and general, contained in a very beautiful red lined carrying case. The magnet coil is mounted on a highly polished Formica plate. Coils and condensers are oversize to prevent overheating and the Tesla coil is designed to stand hardest usage. The handle of the machine is constructed of vulcanized hard rubber and is shock proof. We are using the same type of construction on this machine that all manufacturers use on their highest priced models; namely two piece construction. Equipped with three electrodes it represents the world's greatest value in a product of this kind and is the fastest selling machine ever offered.

Price $12.50

For 220 or 32 volts add $1.50.

Our 220 volt windings will run on both A. C. and D. C. current. Voltages or from 200 to 240 volts.

Its simplicity of operation, wide range of adjustment, durability, beauty and unique construction make it the ideal general purpose Violet Ray. We challenge anyone to offer a better Violet Ray at anywhere near its price.



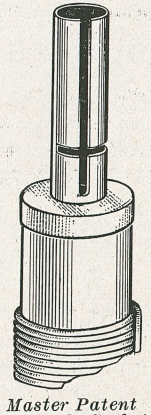
Master Violet Ray No. 10A

The lowest priced model Violet Ray machine ever offered by a responsible manufacturer. No exposed parts. Works on either direct or alternating current. Equipment consists of generator and general electrode in handsome silk lined container. The world's greatest value in a Violet Ray. At its price it has no competition.

For 220 volt or 32 volt add $1.50. $8.50

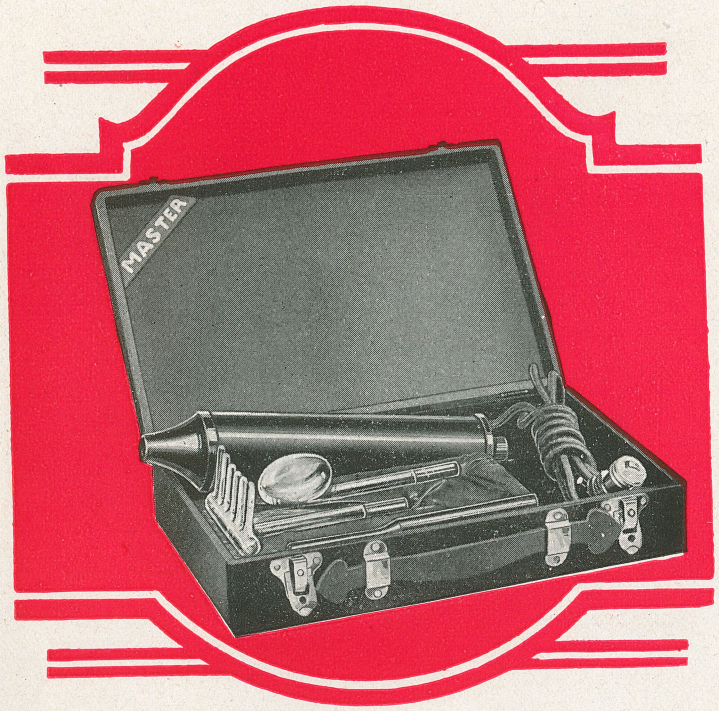
Special Feature Found Only in the Master Violet Ray Instruments

A very important feature of all Master Violet Ray machines is the special patented Master Electrode socket terminal which is a part of the resonator coil. Should the electrode break, the coil can simply be unscrewed from the hard rubber housing and the electrode end easily removed by inserting a screw driver or knife in the insertion, as shown in illustration.



Master Patent Electrode Socket

In the past, where the electrode has broken, it has been necessary for practically all users to take these to an electric shop or repair man to have the electrode end removed. This annoyance is altogether eliminated, both to the user and the dealer, by the patented Master Electrode Terminal socket which is found only on Master Violet Ray machines.



Master Violet Ray No. 2B

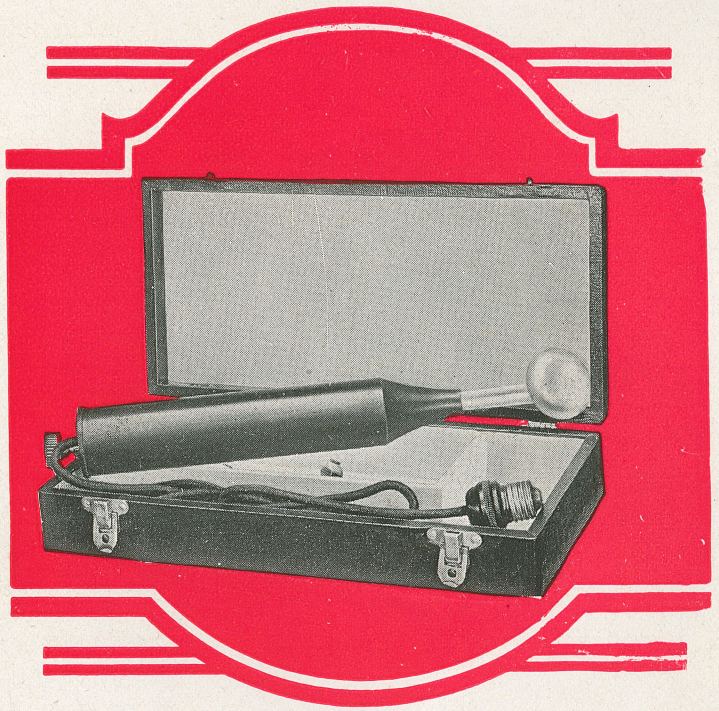
This machine represents the latest development in a one piece outfit. Due to our special type of construction the machine cannot be thrown out of adjustment by turning the adjustment knob too tightly and locking the vibrator springs, a defect found in most other one piece outfits.

An exceptionally strong hard rubber housing is used and the coils are so constructed that they will not overheat. This machine is without competition where lasting qualities and value are considered. Equipped with handsome carrying case with No. 1 Surface, No. 3 Comb and No. 12 Metal Electrodes.

Price $15.00

For 220 or 32 volts add $1.50.

Our adjustment is a piece of precision mechanics, highly developed, accurate and dependable. The arrangement of adjustment prevents locking of vibrators, thus eliminating burning out of the coils. This is a feature of all Master machines.



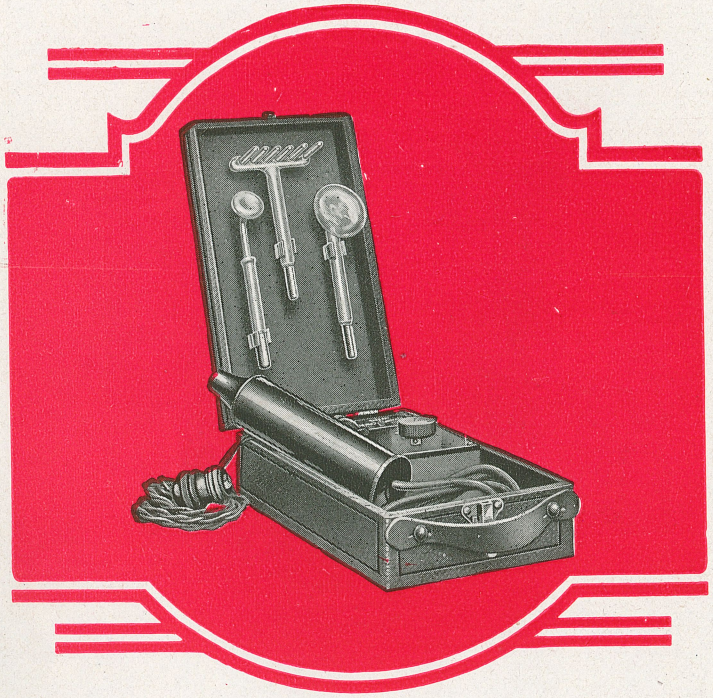
Master Outfit No. 2

This machine is of the one-piece type; that is, the entire outfit is contained in the handle and there is no separate Coil contained in cabinet or carrying case. For those who desire simplicity in appearance and operation, this Master One Piece type machine offers the greatest efficiency possible.

The entire machanism is enclosed in a beautiful highly polished Hard Rubber Housing. It is light in weight and comes equipped with a handsome seal grain carrying case, and surface electrode No. 1.

List Price.....$12.50

We have made a very marked improvement in our one-piece machine, whereby it excels any other machine of this type on the market. This has been accomplished by reducing the diameter of the handle so that its size is such as to enable it to be held easily in the hand. It is more symetrical in appearance and considerably lighter in weight. These changes in addition to having improved its appearance so greatly have also increased the efficiency of the machine to a considerable extent.



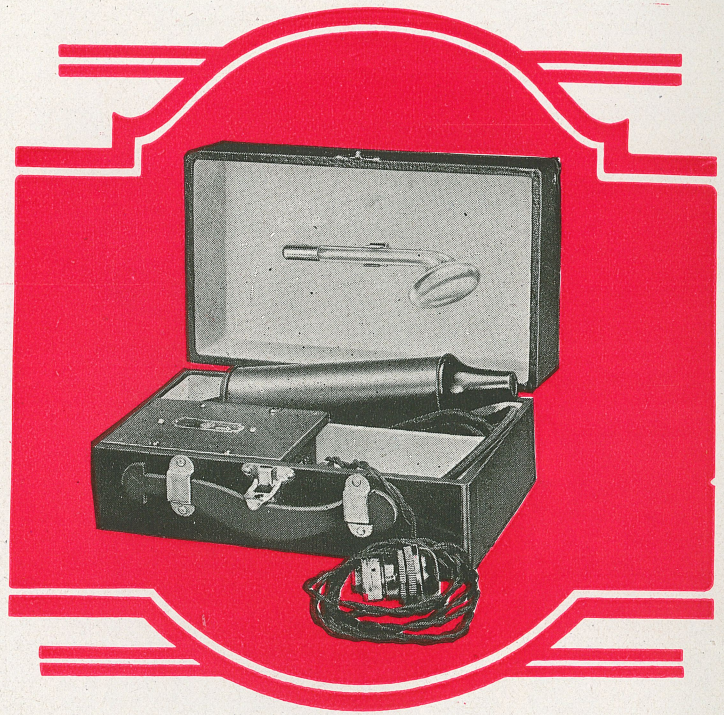
Master Violet Ray No. 20

This machine represents an ideal portable outfit. The adjustment knob acts as a switch and is located on the top of a beautiful highly polished panel of Formica. The handle of the machine is light in weight and makes a most compact and attractive portable model for those preferring the two piece type of construction. The carrying case is velvet lined, very strongly constructed, and the equipment consists of general comb and eye electrodes.

Price $20.00

No extra charge for special voltage.

The Master Electric Company specializes in the manufacture of Violet Ray machines, and is the largest exclusive manufacturer of Violet Ray machines in the world. Every machine is thoroughly inspected and you are assured of receiving a machine perfect in every detail and fully guaranteed by a responsible manufacturer.



Master Outfit No. 1

An outfit built to supply the demand for a high class Violet Ray machine, with features of the higher price types at a price within the reach of everyone. With the perfection of this machine, we are now in a position to offer our customers a low priced Violet Ray instrument, which may be sold without fear of a dissatisfied buyer and with the knowledge that the best machine obtainable at its price is being placed in the customers' hands.

The Magnet Coil and Adjustments are mounted in the carrythe case. The Resonator Coil is contained in a separate Hard Rubber Handle of special design. The Handle and Cords are shock proof.

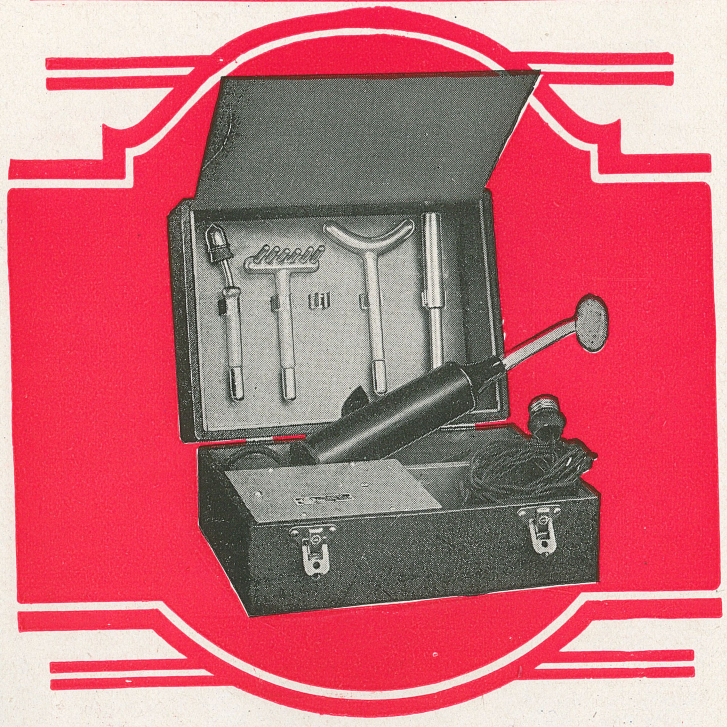
Master Violet Ray Outfit No. 1

The outfit includes the Generator and General Electrode No. 1. The Electrode is mounted in a carrying case, which is equipped with a clip holding it in place, to prevent breaking.

We are the originators of this type of two-piece construction and have made it the most popular Violet Ray Machine on the market.

Price $12.00

For 220 or 32 volts add $1.50.



Master Outfit No. 8

This machine is designed to meet the demand for a complete Violet Ray equipment of the two piece type for home and profession, at a moderate price.

The case is designed to hold five electrodes, which are contained in a separate compartment with clips to hold the electrodes. A flap separates this compartment from the Generator. The case is velvet lined and very attractive.

The equipment consists of the Surface Electrode, Comb Electrode, Throat Electrode, Eye Electrode and Metal Saturator. In the illustration, a Cautery Electrode is shown in place of the Eye Electrode, choice of either is given. If neither is designated, Eye Electrode is furnished with the machine.

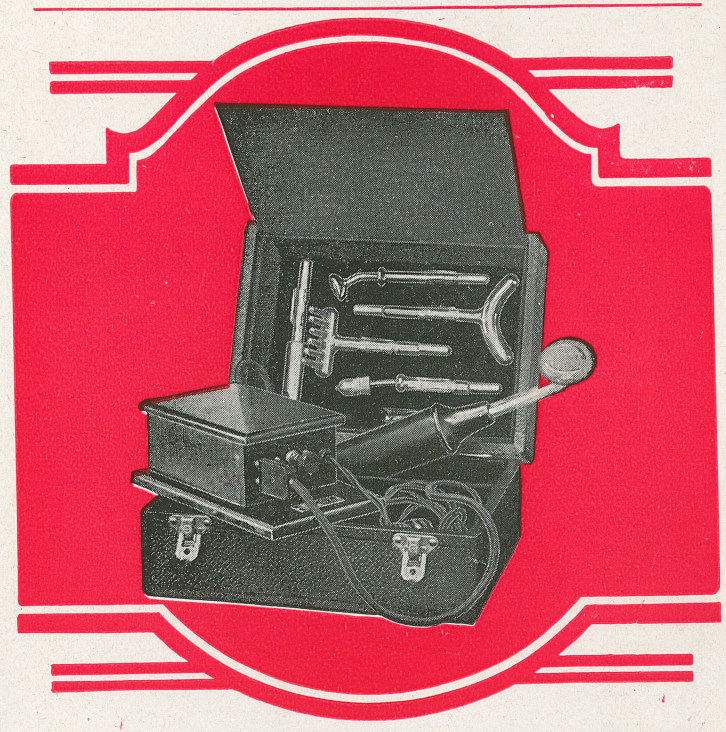
A beautiful finished, quality product at a popular price. One of our most popular sellers. Distinctly a Master product.

Price $25.00

No extra charge for special voltages.

Every point of construction, every piece of material used, is given careful attention with the view of placing in the purchaser's hands the best your money can buy. An instrument that will give service when needed and one that will not break down under continued use.

We manufacture only high grade, substantial machines. Quality considered, the price is most reasonable, within everybody's reach.



Master Outfit No. 4A

The machine shown in the above illustration comes equipped with the following electrodes: General Electrode, Comb Electrode, External Throat Electrode, Eye Electrode, Cautery Electrode and Metal Saturator.

Price $35.00

Master Violet Ray No. 4—For Physicians

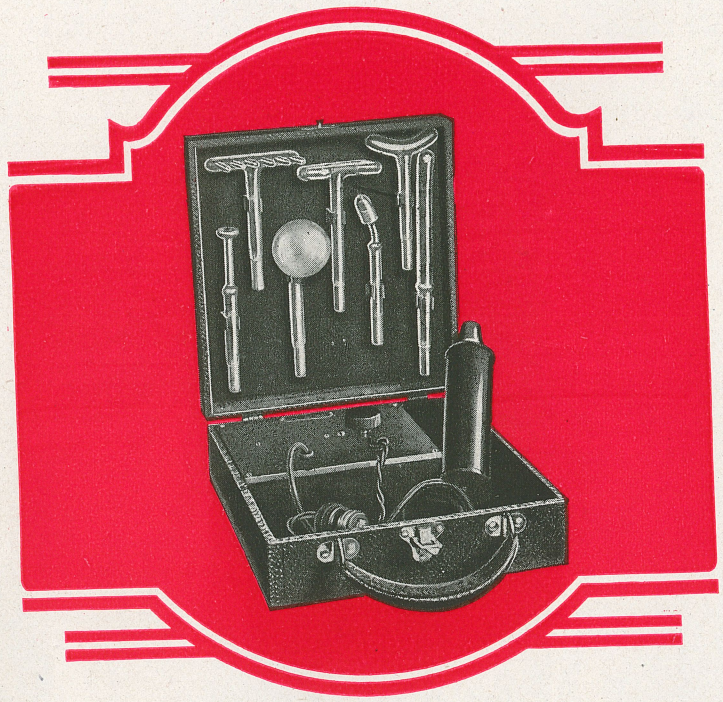
This outfit is similar to the 4A shown above but is equipped with special electrodes for physician's use, consisting of one Body No. 1 and five Orificial electrodes, Nos. 20, 21, 22, 23, 24.

Price $35.00

Master De Luxe Violet Rays

The Generator is mounted in a beautifully finished mahogany cabinet with silk connecting cord. The handle of the machine is light in weight and is in a separate Hard Rubber Housing. The cabinet and the housing are contained in a Keratol covered carrying case, which is lined with velvet throughout. The carrying case has a separate compartment for electrodes which are protected by a flap, as shown in the illustration.

The cabinet may be hung on the wall or placed on a table and used separate from the case. Very popular model in beauty parlors and with professional people.



Master Violet Ray No. 50

This is a most complete outfit and a wonderful value. Has complete set of electrodes for all treatments. This generator is constructed with extra capacity condensors and has very great penetrative power, developing a current of great therapeutic value. Adjustment knob is located on top of highly polished Formica panel. The adjustment of this machine is truly remarkable, operating as it does on a ball bearing and holding a very minute adjustment, which is a very distinct feature with great lasting qualities. Carrying case is lined with velvet and is very beautiful in appearance. The very finest outfit to be secured. You will find nothing finer on the market at any price.

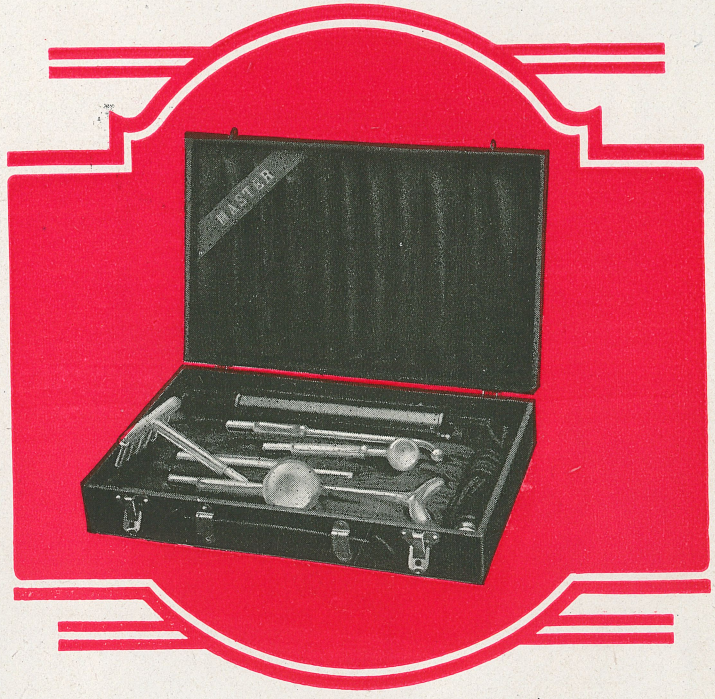
The Electrode Equipment Is Most Complete

Complete in velvet lined case with Surface Electrode No. 1 and Comb Electrode No. 3, Throat No. 4, Eye No. 5, Spinal No. 6, Prostatic Electrode No. 22 and Cautery Electrode No. 25.

Price $50.00

No extra charge for special voltage.

As a very important improvement in connection with our magnet coil construction we have a resistance winding of special alloy wire, which acts as an equalizer between the kick back coil and main line, thereby absolutely avoiding overheating. Master Violet Ray machines can be run for a long period of time without showing signs of heating found ordinarily in all other makes of high frequency apparatus.



Master Violet Ray No. 235

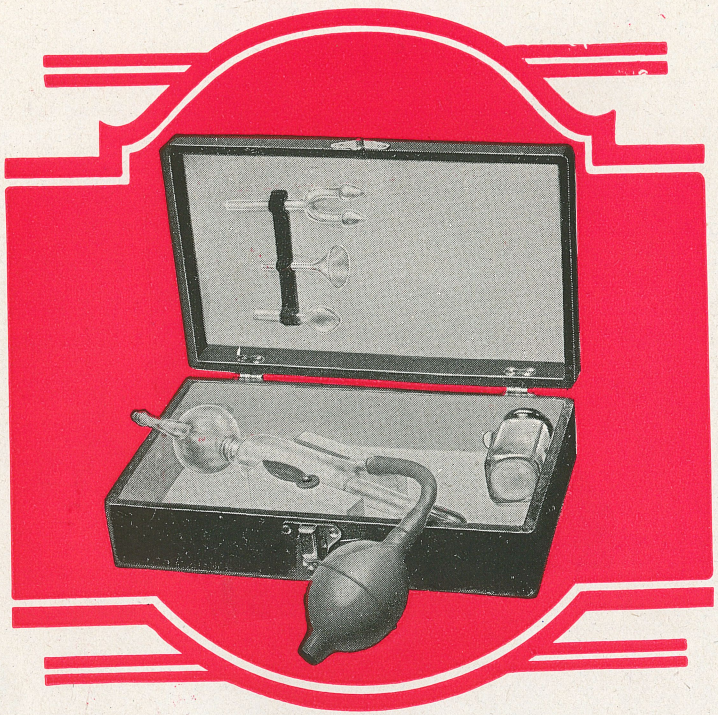
A very popular and fast selling outfit. Our superior one piece type outfit in beautiful silk lined carrying case. The applicators included are the general No. 1, comb No. 5, external throat No. 4, eye No. 5, metal No. 12, and insulated internal throat No. 20. A most complete and beautiful equipment. This machine can also be furnished for operation on 32 volt or 220 volts without extra charge.

Price $23.50

No extra charge for special voltage.

All Master Violet Ray outfits are designed to work on standard current 110 to 120 volts, A. C. or D. C.

The output of Master instruments is truly marvelous, not only is the amperage tremendously high at the full adjustment, but the milli-amperage is great in volume, causing much heat at the point of application to the body, an effect most desirable and not found in other instruments.



Master Ozone Generator No. 28

The Ozone Generator is a special applicator designed for direct medication in nasal, throat, bronchial and lung affections. It generates enormous quantities of ozone. Ozone is a faint blue gas composed of oxygen and is formed by the passage of an electrical discharge through air. Outdoors, we get ozone after a thunder storm and indoors, the same effect can be produced mechanically with Violet Rays.

Ozone treatments are very beneficial, and excellent results are secured in all diseases of the Respiratory Organs. Influenza, Catarrh, Bronchitis, Asthma, Hay Fever, etc., quickly show marked improvement from its use.. The ozone permeates every cell, destroying germ life, and smoothes the inflamed tissues.

Directions for Operating Ozone Generator

The Generator is pushed into the instrument handle, after filling the inhalant chamber one-fifth with inhalant solution, the current is turned on. The right hand is then put around the ozone chamber while the other hand actuates the pressure bulb at convenience. The nostrils are placed over or tight against the nose-piece and the ozone is forced down through the nose into the lungs by pressing the bulb. The inhaling of the ozone should be deep and the air completely exhaled before taking another breath. Inhalation may also be made through the mouth by changing the nose-piece for the mouth-piece.

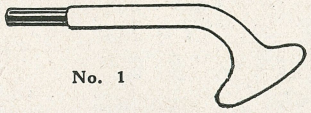
The inhalant solution contained in the upper chamber of the generator washes the ozone as it bubbles through it, allowing particles of it to be carried along in the form of vapor. This inhalant solution is a splendid combination of essential oils which have a soothing effect upon the membranes and assist in healing.

The complete outfit consists of the Generator, a nose-piece, a mouth-piece, pressure bulb, inhalant solution. **Complete with all attachments..$10.00**

Master Electrodes or Applicators

Vacuum Glass Electrodes for High Frequency Violet Ray Application are made in two types: Plain, or non-insulated and insulated. Insulated electrodes are used for Orificial treatments mostly, as they deliver a greater quantity of current at the desired locality.

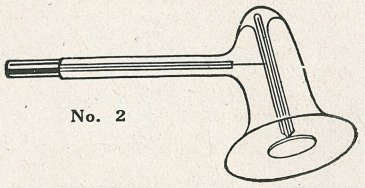
Master electrodes are made of the best grade of special glass, which will stand heavy usage without signs of deterioration. The vacuum in Master electrodes is perfect. The end of the electrodes are protected by metal caps, which insure greater life. All electrodes are carefully tested and packed.



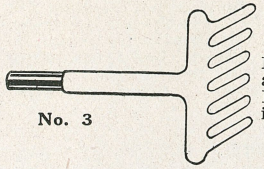
No. 1

No. 1 General Electrode.—For facial and body treatment, and for any surface application. This applicator is supplied with all Master Violet Ray machines as a part of the instrument. Price..**$1.00**

No. 2 Condenser Electrode.—As the name implies, it condenses the current, and produces a strong, even flow; also generating electrical heat, which is very desirable in deep seated cases. Used for Rheumatism, Lumbago, Neuritis, etc. Price....**$3.50**



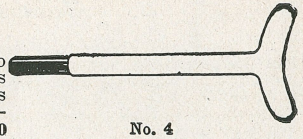
No. 2



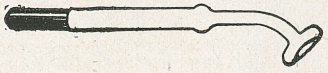
No. 3

No. 3 Comb-Rake Electrode.—Used for all scalp treatments; Falling Hair, Dandruff, Gray Hair, and for stimulating the hair cells. Price.....**$2.25**

No. 4 Throat Electrode.—Designed to fit over the neck. Excellent results have been accomplished with this electrode in Goitre, Tonsilitis, Double Chin. Price.....**$1.50**



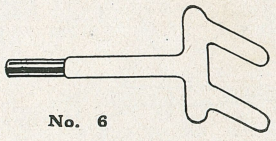
No. 4



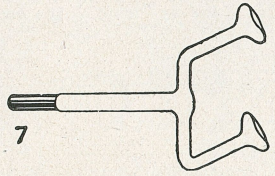
No. 5

No. 5 Eye Electrode. — Single Eye electrode designed to fit closely over the eye. When treatment is given only a slight warmth can be felt. Is used for the treatment of all eye complaints and for strengthening the optic nerves. Price...**$1.00**

No. 6 Spinal Electrode.—For all Spinal treatments. Arranged so that it fits over both sides of the vertebrae. Price.....**$1.50**

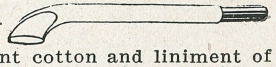


No. 6



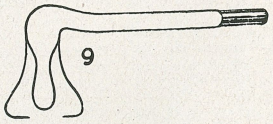
7

No. 7 Double Eye Electrode.—This electrode is used for the same purpose as the No. 5 Single Eye Elcetrode, but is designed for the treatment of both eyes at once. It distributes the current evenly to both eyes and is recommended where both eyes are to be treated. Price..**$2.00**



No. 8 Small Cataphoric Electrode.—This electrode is made with an indentation on the surface to hold absorbent cotton and liniment of any kind. It is used in the treatment of Rheumatism, Lumbago, Neuralgia, or in fact, wherever liniment is used in connection with any Master Violet Ray machine. Price.....**$3.50**

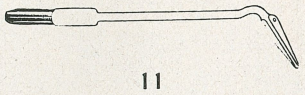
No. 9 Large Cataphoric Electrode.—This electrode is used for the same purpose as No. 8, but has larger capacity, and greater space for cotton and liniment. Used in the treatment of Rheumatism, Lumbago, Neuritis, etc., or wherever liniment is used. Price.....**$4.50**



10

No. 10 Spatula or Tongue Electrode.—Used for treatment of the mouth or tongue, as its name implies. Price **$2.00**

No. 11 Insulated Ear Electrode.—This electrode has been specially designed for treatment of the ear. It is used for the treatment of all Catarrhal conditions in the ear, and for ear ache, deafness and head noises, etc. Price **$2.25**


11

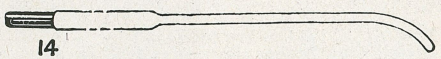
No. 12 Metal Electrode.—This delivers a strong current and is excellent for general tonic and where constitutional effects are desired. When held by the patient, there is no muscular contraction, merely a sense of warmth through the entire body. The current can also be drawn to any part of the body by using the No. 1 electrode or the fingers of the operator. Price.....**$1.00**

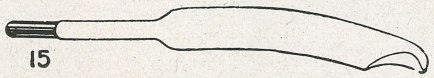
12

Orificial Treatments

All Orificial electrodes must be lubricated before insertion. For the sake of safety there should be two people in Orificial work, the patient and the operator. The current should be turned on after inserting the electrode into the orifice and turned off before removing the electrode. Orificial treatments are never painful. The electrode should be moved slightly to avoid sticking to mucous membrane. Treatments are not to be continued longer than five minutes. The best method of giving orificial treatments is to use the metal electrode No. 12 in the machine, and apply to the metal cap of the orificial electrode after this has been inserted. Treatments should not be attempted by unskilled persons without the instruction and supervision of a competent practitioner

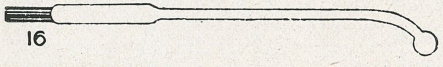
No. 14 Urethal Electrode. Price....**$1.00**

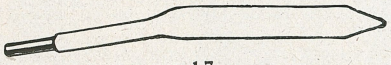

14


15

No. 15 Vaginal Electrode. Price....**$1.00**

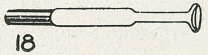
No. 16 Internal Throat Electrode. Price **$1.00**


16


17

No. 17 Rectal Electrode. Price **$1.00**

No. 18 Corn Electrode.—This electrode is used for the treatment of corns. It fits snugly over the corns. Price.....**$1.00**

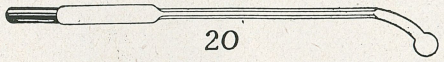

18

Insulated Electrodes

The advantage of insulated tubes is that the current may be introduced without loss into the orifice of the body. In using plain electrode for an orifice, much of the current is lost at the first point of contact. For instance, if the prostatic gland is being treated with the plain electrode, much of the current is drawn off at the opening of the rectum, but if the insulated tube No. 22 is used, the current is conveyed to the desired point without loss.

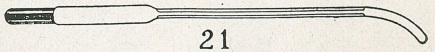
No. 19 Nasal Electrode.—Used for rhinitis, nasal catarrh, etc. Price...**$2.00**

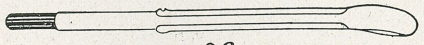
19


20

No. 20 Internal Throat Electrode. — Used for tonsilitis, hyperthrophy of the tonsils, ulcers of the tonsils, etc. Price.....**$2.00**

No. 21 Urethal Electrode.—Used for cystitis, strictures, gonorrhea, etc. Price **$2.00**

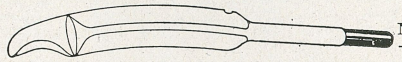

21


22

No. 22 Prostatic Electrode. — Designed so that it fits directly over the prostatic gland. In many cases this electrode can also be used for vaginal work in place of No. 24. Price **$2.00**

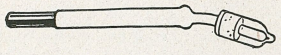
No. 23 Insulated Rectal Electrode. Price ...**$2.00**

23


24

No. 24 Vaginal Electrode —(Without perforations.) Price **$2.25**

No. 25 Cautery Electrode.—This has a platinum wire sealed in the glass. For removing warts, moles, or growths of any nature, it cannot be excelled. Very seldom is it necessary to give more than two treatments; most often one application is all that is necessary. Price **$2.00**


No. 25

No. 26 Special Vaginal Electrode. — Made with perforations so that ozone may be generated within the vagina. Used for ovaritis, leucorrhea, vaginitis and all pelvic inflammations. Price.....**$3.50**

Unbreakable Electrodes

This electrode is made of a special composition supplied in the Surface and Comb Electrodes only. These electrodes not being made of glass, are unbreakable. Price, Surface Electrode, $3.50; Comb Electrode, $4.50.

Care of Electrodes

Keep the electrodes clean. Washing with warm water and soap is sufficient. Electrodes will stand heat and can be boiled in water.

Use Your Master Outfit as a First Aid

There is no quackery or uncertainty about the Violet-Ray High-Frequency Current. It is a thorough cell massage and a wonderful stimulant, and while it is by no means put forward as a cure-all, yet it is of the utmost aid in restoring to normal the physical condition impaired from almost any cause. The results obtained are universally beneficial and can never in any instance be harmful.

Master Violet Ray Treatments

The following are but suggestions, inasmuch as in most instances the individual will develop a technique suitable to his own particular case.

Violet Ray treatments need not be of long duration. Short treatments at frequent intervals are very effective. Always start with the weakest current possible in order to avoid the initial discharge, which occurs when the electrode is brought in contact with the body. Make contact with the electrode quickly when beginning and finishing the treatment. If metal objects such as hairpins, corset steels, chains, etc., cannot be avoided during the treatment. they should be removed.

The suggestions for the treatment of disease outlined below have been taken from cases where physicians or clinics have obtained excellent results. Not all cases will be cured through High-Frequency alone, but in every case it is a valuable adjunct to other treatments; in fact, many cases have been greatly benefited where medical treatment has failed.

Treatments

Alopecia or Falling Hair—Use Comb electrode No. 3. Use a mild current at first, which can be increased with treatments. Pass the comb back and forth over the entire scalp for about five minutes every day. This same treatment can be used for gray hair in restoring it to natural color. Use same treatment for baldness. Do not use the Violet-Ray on the hair immediately after applying any preparations containing more than forty per cent of alcohol.

Acne: *Pimples*—Treat the entire surface for about seven minutes with the Surface electrode No. 1. If the skin is damp, either apply talcum powder, or treat through handkerchief or other clean cloth. Use a medium current.

Anaemia—General application to the entire body. Treat with Surface electrode No. 1 over the chest, and Throat electrode No. 4 on throat glands, the treatment to last from five to ten minutes. The Ozone Generator is also of the utmost benefit.

Ammenorrhea—Irregularity—Suppressed Menses—With the vaginal tube No. 24 or 26 an emmenagog effect can be produced. Apply any antiseptic lubricant to tube. Give 10 minute treatments every other day. Also apply surface electrode No. 1 to spine, 5 to 10 mintues.

Abscess—To abort an abscess, the use of the surface electrode has been found to be the most beneficial. Keep tube in contact with skin. Apply any antiseptic lubricant on tube before applying. Give 5 to 10 minute treatments.

Adhesions—In conditions following operation or inflammatory conditions, use the condenser tube No. 2. Apply any antiseptic lubricant on tube. Give 10 to 15 minute treatments daily.

Asthma—Apply Surface electrode No. 1 or Condenser No. 2 over the chest and throat glands for about 5 minutes with a strong current. Treatment of Asthma is also found to be very successful by the use of the Ozone attachment, filling it with 1 dram of Oil of Pine; 1 dram of Oil of Eucalyptol; 5 minims Beechwood creosote. Inhale 3 to 5 minutes daily.

Atrophy of the Optic Nerve—By the use of the eye electrode No. 5, excellent results have been attained. Single or double electrode. Intensity of current should be regulated very low, giving 10 minute treatments daily. Apply to the lids, closed.

Ataxia—Use as strong a current as can be tolerated to spine, over abdomen, and back of legs. Give milder treatment as improvement is noticed.

Barber's Itch—General treatment with electrode No. 1 for 5 minutes daily.

Pains in Back Quickly Relieved

Blepharitis—Infection Edges of Eye Lids—Excellent results can be produced by the use of the eye electrode No. 5; treatments 10 minutes daily. Also use throat tube No. 4 to go around area of the conjunctiva or mucous membrane of the eye 5 minutes.

Boils — Furunculosis — In treatment of Boils, excellent results have been obtained by giving a light spark around area of infection with the surface electrode No. 1 and then applying the electrode direct on same twice daily. 5-minute treatments.

Bruises—Use Surface electrode over area affected. Treatments about five to ten minutes. Medium or strong current.

Bunions—Use Surface electrode in direct contact with skin, with medium current for about five minutes.

Burns—Apply electrode in close contact with the burned area, using a mild current for a short time, two or three times a day.

Brain Fag—Use applicator No. 1 over forehead and eyes. Also treat the back of head and neck with strong current in direct contact with the skin. Treat the spine and hold the electrode in the hand. Ozone inhalations for about four minutes are also of importance.

Blackheads—A mild to medium treatment of five minutes daily. Use Surface electrode No. 1, and apply talcum powder before treating.

Bronchitis—By the use of the Ozone attachment, very beneficial results and great relief can be obtained immediately. Use same mixture as in treatment of Asthma.

Carbuncle—Use the Surface electrode No. 1, applying same direct, 10 to 15 minutes daily.

Cataract—Great relief can be obtained in the early stage of cataract by the use of the eye electrode, either single or double, with a very fine current, not exceeding ⅛-inch in length.

Callouses—Use a strong electric current with Surface electrode No. 1. The current can also be applied by holding electrode a short distance from the skin.

Carbuncles—The treatment prescribed for boils should be followed in treating cases of this nature.

Catarrh—Nasal—In this condition the nasal tube is used within the nose with a mild current within the nasal passage, 2 to 5 minutes on each side, followed by an application with the surface electrode externally over the area of the nose. Use ozone generator.

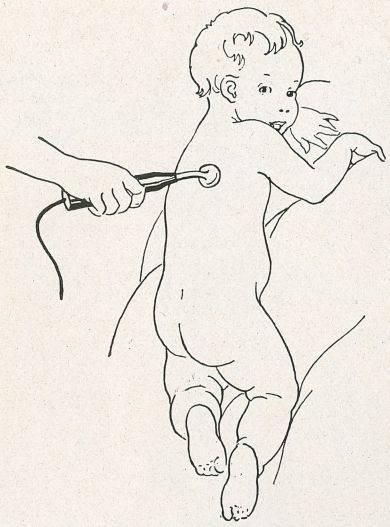
Catarrh of Womb—Use Vaginal eelctrode No. 24 or No. 26 for five minutes daily. Electrode to be lubricated before insertion.

Chilblains—Use Surface electrode with strong spark applied directly to the skin. Treatment to last about ten minutes.

Cold in Head—Practically the same procedure may be followed here as is suggested for the treatment of Nasal Catarrh.

Cold in Lungs—Beneficial results may be obtained by following instructions outlined for the treatment of Asthma.

Cold Extremities—Apply Surface electrode direct to affected parts, using a strong spark for about five minutes. Also apply electrode to the spine; keep the electrode about one-half inch from the skin until the surface is red.



Perfectly Harmless, Can Be Used For Baby

Constipation—Apply Surface electrode over the bowels. Apply for about ten minutes, moving the electrode. Use a strong current. Physicians use Rectal electrode No. 25 for insertion into the Rectum. Orificial treatments last about five minutes.

Cervicitis—The use of the vaginal electrode No. 24 is very effective, giving 10 minutes daily. Use any antiseptic lubricant on same before inserting.

Coryza—Use the surface electrode No. 1, rubbing same over forehead and sides of face 15 minutes daily.

Cystitis—With the use of the rectal No. 25 and urethal No. 21 tubes, remarkable results have been obtained. Give 5 minutes daily, using any antiseptic lubricant on the electrodes.

Dandruff—Directions for the treatment of Alopecia are applicable in cases of this nature.

Deafness, Earache and Ear Diseases—Apply Ear electrode with very mild current into the ear. Care must be exercised so as to not touch the ear drum. Three to five minutes is sufficient.

Diabetes—Apply Surface electrode over the abdomen and spine through a thin towel or cloth for ten minutes. Diet must be observed. Complete results must not be expected before several months.

Dyspepsia—Use tlectrode No. 1 or No. 2 over the stomach and solar plexus with a strong current for about ten minutes.

Eczema—By the use of the Surface electrode No. 1, excellent results have been obtained by giving the patient as much current as can be endured. Another beneficial way of treating is to apply gauze over the area and go over same with the electrode.

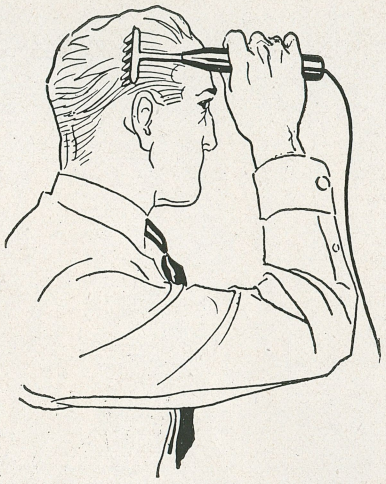
Enteritis—In acute cases of Enteritis not as beneficial results may be expected as in chronic cases, but same can be treated by giving tonic applications with the surface electrode No. 1 over the area of the abdomen. 15-minute treatments daily. In chronic cases, excellent results can be obtained by giving treatment twice daily with the condenser electrode.

Epididymitis—Great relief is given immediately by the use of the surface electrode No. 1 in the area involved. Give 15 minutes daily.

Erosions of the Cervix Uteri—Excellent results have been obtained by the use of the vaginal electrode No. 24. Bring tube in contact wtih the Cervix, giving 10 minutes daily, using any antiseptic lubricant on the tube.

Freckles—Cover surface with gauze and treat daily with a medium current of from five to ten minutes' duration. Results are quite apt to be very slow and patience is required.

Frost Bites—Instructions outlined for the treatment of Chilblains may also be adapted to the treatment of this ailment.



Fissure—Anal—Remarkable results, and in many cases complete recovery, can be expected by the use of the rectal electrode No. 25 tube. Apply an antiseptic lubricant on the tube before inserting, giving 10 minutes daily.

Goitre—In Goitre cases, by the use of the Surface electrode No. 1, the tube should be kept in light contact with the skin, treating the sides of the neck as well as over the Goitre itself, giving 10-minute treatments daily.

Gonorrhea—In sub-acute or chronic forms, marked beneficial results have been obtained by the use of the urethal No. 21 or vaginal No. 24 electrodes. Apply any antiseptic lubricant on tubes before inserting. Give 7-minute treatments daily.

Gleet—By the use of the urethal No. 21 and the rectal No. 25 tubes, unusual results have been obtained. Insert same with any antiseptic lubricant, giving 10 to 15-minutes treatments daily.

Grippe—Breathing through Ozone Generator gives immediate relief. Follow with treatments over side of nose, and in some cases with Nasal electrode No. 19 internally. Treatment five to ten minutes.

Gout—Apply Surface electrode to the spine to stimulate the system. Then apply Surface electrode to the painful area with a medium current, keeping the electrode in contact with the skin but moving same about. Pain may be noticed at first, but results are certain fi treatment is continued.

Gray Hair—The natural color of the hair may often be restored by continued and patient treatment with electrode No. 5. See Alopecia. Several months are usually required for results. Use a current for stimulation at least once a day. Read Eberhardt's Manual.

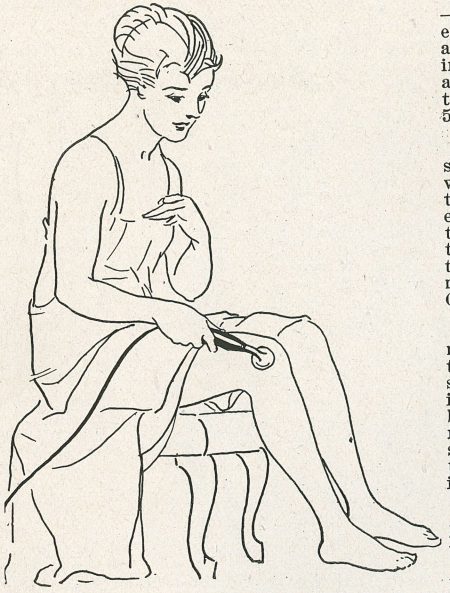
Hay Fever—Apply Surface electrode over the nose and along spine with medium current for five minutes. Apply electrode No. 19 in nostrils for a short time. Treatment must be of short duration but frequently repeated. Use the Ozone Generator freely, it being advisable to Ozonate the entire room with it. For satisfactory results treatments should commence two or three weeks before period of attack.

Headaches—Frontal and Occipital headaches are relieved by using the surface tube No. 1 over the seat of pain. Keep the tube in loose contact and prolong the treatment until relief takes place, which usually takes from 5 to 10 minutes.

Hemorrhoids—With the use of the rectal tube No. 25, temporary relief may be obtained by giving 5-minute treatments daily.

Herpes—Zoster—Application of the condenser tube in the eruption of Herpes. Recovery can be hastened by giving 10-minute treatment daily. 3 to 5 treatments are usually sufficient.

Impotence—The most beneficial way of treating this condition is by the use of the prostatic tube No. 22 with plenty of spark. Use the surface electrode No. 1 slightly raised over the area of the spine from 5 to 7 minutes daily.



Rheumatic Pains in Limbs Disappear After Few Minutes Treatment

Incontinence of Urine—Apply the surface electrode No. 1 over the area of the spine, raising same slightly; also apply electrode around the area of the Bladder, 5 minutes daily.

Influenza—Treat the spine and solar plexus with the No. 1 electrode. Also over the eyes and the sides of the nose. Treatments to the spine are made through a towel for five minutes. Also use Ozone Generator.

Insomnia—The method most beneficial has been the use of the condenser tube, which is kept in light contact with the back of the head and neck, going down the spine for about 5 minutes daily before retiring.

Intra-Ocular Hemorrhages—The eye electrode No. 5 in contact with the closed lids, using a very light current for about 5 minutes, has produced favorable results in many cases.

Iritis—Treat as outlined above. Good results have been obtained in Syphilitic-Iritis.

Jaundice—By the use of the condenser electrode, great relief can be obtained. Apply electrode over the area of the liver, 10 minutes daily.

Laryngitis—The throat electrode either by the loose contact or mild spark will greatly aid in treatment of this nature. Ozone inhalations are most advisable.

Lumbago—Apply the current through the clothing with as strong a current as can be tolerated. Continue treatment until pain is gone. Keep the electrode moving and give long treatment.

Leucorrhea—Use Vaginal electrodes No. 24 or 26, lubricating before insertion. A medium treatment for five minutes is applied and repeated as circumstances require. Current should be turned on after insertion of electrode and off before removal of electrode. Antiseptic douches in connection.

Metorrhea—Treat the same as Amenorrhea.

Neuralgia—To obtain a hurried relief of neuralgia, the surface electrode No. 1 should be used. Pass back and forth in light contact with the skin, giving 10-minute treatment as needed.

Neuritis—Use Surface electrode for five minutes at a time. Several treatments a day are advisable. Use light current at first, and gradually increase same. Apply locally or to entire body, depending upon the condition.

Obesity—Apply Surface or Condenser electrode No. 2 for fifteen minutes twice daily. Use very strong current. Fats will be consumed by increase of oxidation but diet must be reduced and watched.

Orchitis—Relief can be immediately obtained with the surface electrode No. 1 over the area of the testicles, giving 5-minute treatments.

Parotitis—The condenser electrode, using a medium intensity of current over the diseased area, giving 5 to 10-minute treatments daily, is very beneficial.

Pharyngitis—In acute forms with the use of the throat electrode, quick relief can be obtained. Give 5-minute treatments daily.

Pleurisy—Using the condenser tube over the front and back of the chest until a marked reddening of the skin indicates a counter irritation. Two or three treatments are necessary in acute cases and one daily in chronic cases.

Psoriasis—This is treated by the same technique as that employed in eczema.

Piles—Follow instructions prescribed for the treatment of Hemorrhoids.

Rheumatism—The condenser tube is of exceptional value in chronic and muscular rheumatism. Apply the electrode over the area 10 to 15 minutes daily.

Ringworm—Use the Surface electrode and apply short sparks several times a day with a medium current for several minutes.

Scars—By the use of the Surface electrode No. 1 a softening effect can be produced on soft tissue, treating same 5 to 7 minutes daily.

Sciatica—Apply the condenser electrode along the course of the nerve and over the lower part of the spine, giving 10-minute treatments daily.

Sinusitis—The use of the surface electrode No. 1 gives a hurried relief by applying same over the area of the Sinuses daily for 5 minutes.

Sore Throat and Throat Diseases—Use Internal Throat electrode No. 20 with medium current for five minutes, and for the External Throat electrode No. 4 on the outside of the throat for the same period of time.

Stiff Neck and Joints—Apply Surface electrode, using the same method as explained in Neuritis.

Tonsilitis—Use treatment as above for Sore Throat. Ozone treatments are also of importance.

Tuberculosis—In the incipient type of tuberculosis, exceedingly good results can be obtained and tubercule bacilli eliminated by the use of the Ozone attachment, filling same with one-half dram of oil of eucalyptol, and one dram of oil of pine, ten minims of beechwood creosote, using the same morning and night. With the use of the general electrode over the area of the chest, this will also be found beneficial, using same 10 minutes daily.

Urticaria—Hives—Urticaria can be quickly eliminated by the use of the surface electrode No. 1, going back and forth over the area for 10 minutes daily until condition is gone.

Warts and Other Small Growths—The Fulguration electrode should be used, as it throws a fine sharp spark. Apply to growths long enough to cauterize the surface. A few seconds is usually all that is necessary. Wait a day or two for results and, if necessary, repeat. Where there is no Fulguration electrode the Surface electrode can be used by holding it about one-eighth inch from the growth and allowing the sparks to pass from the edge of the glass.

Writer's Cramp—In this condition a hurried relief can be effected by the use of the surface tube No. 1 over the area of condition, using same until condition is relieved.

Wry Neck—Torticollis—Using the No. 1 or No. 2 over the area of the neck and down the spine daily for 10 minutes, relief can be effected.

Directions for Operating

The Master Violet Ray

1. Insert glass applicator into the instrument.
2. Attach the connecting plug to the lamp socket.
3. Turn the current on.
4. Adjustment of the Violet Ray discharge is obtained by the adjusting knob. To the right the discharge increases, to the left it decreases.
5. Start any treatment with a mild discharge and increase it gradually to the required strength.
6. Take good care of the connecting cord. Keep it dry and free from knots and twists. Have it repaired in time if signs of wear appear.

Don'ts

1. Do not attempt to repair the apparatus. If the necessity arises, write to the Factory advising of your difficulties and you will be informed what to do.
2. Do not use the Master in connection with any tonic or medicant containing a large percentage of alcohol on the hair or any part of the body.
3. Be careful with the apparatus and when not in use turn the current off. Be one the safe side and remove the connecting plug from the lamp socket after use.
4. Do not touch the appliance or attempt to connect it to a lamp socket when your hands are wet. Do not use while at the wash basin or in connection with an electric bath.

Another *don't* that is indeed very important is that the handle of the Violet Ray Machine should not be grasped close to the applicator while the machine is not in use; i. e., when the current is turned on and the applicator is not being applied to the body.

The reason for this is that the current will jump from the tip of the handle if it is not being drawn off by the glass applicator to some part of the body. It is a simple matter to avoid by merely holding the handle of your machine at the end farthest away from the electrode.

NOTE: Damages arising from carelessness are not covered by our guarantee. If instructions are properly followed, the Master will last indefinitely.

Unless otherwise specified all machines will be furnished to operate on standard voltage of 110 to 120 volts. Machines can also be furnished to operate on 220 volts and 32 volts.

The electrodes will burn out in time much on the order of an electric light bulb. When difficulty arises with the machine it is usually with the electrode. Try another electrode before blaming the machine. Master Violet Rays seldom give the user trouble and will last indefinitely. Nothing is to be oiled or adjusted.

GUARANTEE

The Master Violet Ray instrument is guaranteed against mechanical and electrical defects for a period of one year from date of purchase by the user, providing that all instructions for the proper use and operation have been followed. Defective parts will be replaced free of charge when needed, providing the apparatus is returned to the factory prepaid. Damage caused by parties other than ourselves in attempting to repair our machines are not covered by this guarantee. Glass applicators are not guaranteed for any specified period of time; they are made of the very best material obtainable and thoroughly tested before shipping.

The Master Electric Company, Inc.

Chicago, U. S. A.

The Master VIOLET RAY

The Master Electric Co.

421 SOUTH MARKET STREET
CHICAGO

PRINTED IN U. S. A.

Introduction

THIS book is written with the purpose of introducing the Master Violet Ray and explaining its superior merits in the treatment of physical disorders to those who have not already experienced its wonderfully beneficial effects.

To the thousands of users of Master Violet Ray Instruments, we need no introduction. The machines speak for themselves and the numerous commendations we have received testifying to the complete satisfaction given by these instruments, are sufficient proof that our unqualified guarantee is well founded. These users of Master Instruments know that for service, reliability and general satisfaction they can find no machine the equal of the Master.

To our new friends and potential customers we want to say, that for years we have endeavored to produce the best Violet Ray instrument possible at a popular price. That we have succeeded in this is attested to by the many satisfied users who would have no other than a Master Violet Ray. We have maintained a policy of using first-class materials with high grade workmanship only, and by constant experiment and tests have produced a Violet Ray for home and general use that is without equal.

Every machine leaving our factory is thoroughly tested and inspected and is accompanied by our absolute guarantee. Any dissatisfaction will be immediately adjusted.

The Master Electric Co.

The Violet Ray

One of the most remarkable developments of the wonderful science of electricity is that of the Violet Ray machine or high frequency generator. The Violet Ray may be said to be a diffusion of an electrical current of tremendous power and resistance, into millions of tiny harmless units which can be applied to the tenderest and most delicate parts of the body without the slightest harm. As applied to the human body, its results have been found to be of enormous benefit in innumerable instances.

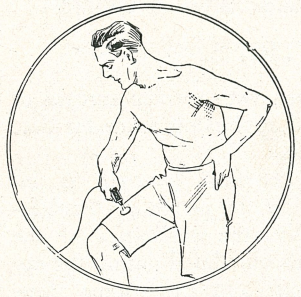
Causes of Human Ailments

All human ailments, with the exception of certain highly contagious and infectious diseases, can be traced to faulty circulation and impure blood. When exercise is taken as a matter of course and sound sleep and appetite are natural, weakness and disease seldom develop for the reason that the blood is adequately supplied in its richest state to every part of the body, thereby nourishing every organ and muscle and providing adequate protection against any tendency to weakness. As persons grow older, however, there is a tendency to forsake physical exercise and to retire to a quieter and more secluded mode of living. The circulation suffers accordingly, and instead of being driven to every part of the body in its richest state, a portion collects in the internal areas and becomes stagnant because of the impurities thrown off by the body. These impurities are absorbed by the tissues and a condition of self poison results, as a consequence of which the body begins to deteriorate, the digestive organs fail to function properly, the internal organs become sluggish and weak, and weaknesses develop which are peculiar to men or women. This weakened condition of the blood and vital organs leaves the human body easily susceptible to any disease to which it may become exposed.

Counteracting These Causes by the Use of the Violet Ray

The Violet Ray has provided the means of bringing to every home, at a reasonable price, a method whereby every vital process can be quickened and the blood made to course through the body with renewed vigor. If necessary, the treatment can be concentrated on any organ, muscle or nerve, however delicate or tender, and the same results secured. By this treatment the impurities are washed from the affected organs by a rich, warm flow of blood which nourishes and stimulates the tissues and which is generated by the penetrating current of the Violet Ray reaching the cells which supply life to the tissue, and causing them to vibrate. The stagnant pools

of blood are thus set in motion and the poisons contained therein are relieved of by the purifying processes of nature. The blood thus being freed of poisons is able to take up oxygen from the lungs and nutrition from the digestive organs and returns laden with tissue-building material to every part of the body. In this way new tissue is formed to replace that destroyed by disease and carried away in the blood stream. This process of stimulation is called a "cellular massage" because of the fact that the vibration or contractile effect is expended upon the individual cells making up the tissue, rather than on individual muscles. This is an important reason why the high frequency current produces such a marked effect on nutrition and general health. Cellular massage is much more penetrating and beneficial than muscular massage as produced by mechanical vibration.



Application of the Ray

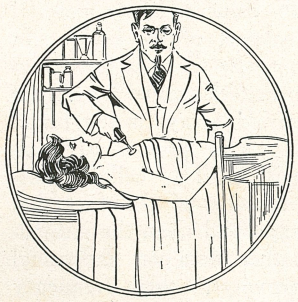
The Master Violet Ray is applied through vacuum applicators or electrodes, made of annealed glass. The electrodes diffuse the electrical current in sprays of a beautiful deep violet color. These sprays vibrate to and fro thousands of times per second. This rapid vibration is what produces the pleasing, invigorating and corrective effect derived from Violet Ray treatments and described as cellular massage. A few minutes application each day, simply holding the applicator in the hand, furnishes a tonic to the system which does much to fight disease and keep the body in a healthy state. Inasmuch as prevention is to be desired a thousandfold rather than a cure, this point alone makes the Master Violet Ray indispensable in your home.

The Violet Ray, while introducing all of the tremendous power of electrical energy into the body, does so without the slightest pain, shock or contraction of muscles. Its application, on the contrary, produces a pleasing sensation, and the amazing results of the Violet Ray treatment have caused it to be accepted by physicians throughout the country as part of their equipment. The machine is ready for use by simply connecting it to any convenient light socket. The Master Violet Ray is the essence of simplicity and can be operated by a child with the utmost safety.

Methods of Applying the Violet Ray

Three distinct methods of application are in general use, according to the conditions present and the results desired.

FIRST: LOCAL APPLICATIONS.



Given with specific surface or orificial applicators made for that purpose.

A beneficial warmth is induced by the action of the Violet Ray, the capillaries of the skin are stimulated during the application and for some time thereafter. Any local application with a vacuum electrode is an effective antiseptic, largely on account of the ozone generated.

One of the greatest benefits of the Violet Ray, is the fact that it can be used with such excellent results in local conditions. When the Master Violet Ray is applied to any part of the body, it gives to a certain extent a general treatment by stimulating the circulation. In treating local conditions, these results are greatly increased by giving a local treatment to the part affected. Suppose one is afflicted with rheumatic pain in the shoulder, you apply the Violet Ray treatment to the painful part. The result noted, will be an immediate sensation of warmth. After a slight treatment it will be noticed that the part treated has become slightly reddened by the blood that is sent in response to stimulation secured from the treatment.

These local treatments can be given to any part of the body with very good results. They produce the desired result at the treated part quickly and also benefit to a remarkable degree the entire system. The body is penetrated by radiant atomized electricity, restoring energy and vitality to the entire system.

SECOND: GENERAL APPLICATIONS.

Taken as electrification treatment for the effect on the general condition. The entire body is saturated with electrical energy by simply holding the electrode in the hand. This produces a sedative or quieting effect.

Violet Ray High Frequency Currents have the tendency to establish a normal equilibrium of the entire nervous system. Arterial tension during a general treatment usually increases slightly while it falls a short time afterward. General treatments are recommended in all nervous disorders and diseases.

THIRD: INDIRECT APPLICATIONS.

Combines local and general treatments and requires two people. The party to be treated holds the electrode firmly in the hand. A second party then may draw with either hand, finger-tips, or another electrode, the high frequency current to the desired spot of the patient's body.

Selective Effects Obtainable

A: AS A SEDATIVE.

A sedative, quieting or soothing effect can be obtained and is of great benefit in all nervous ailments. This effect can be produced locally by keeping the electrode in close contact with the part to be treated. Painful sensations can be relieved, irritated nerves tranquilized and soothed. Nervous disorders are quickly and beneficially influenced by a sedative treatment.

B: AS A STIMULANT AND TONIC.

A stimulating effect is produced when the electrode is lifted somewhat during the application or used through the clothing or a cloth which has been put over the part to be treated. The length of the stimulating sparks depends on the thickness of the clothing or cloth placed between the electrode and the body. Uniformity in spark length is insured by the cloth. This stimulation is caused by the many small sparks generally called High Frequency Spray. They cause a pleasant and tingling sensation and bombard thoroughly the area which they cover, resulting in a very beneficial heating effect. They also generate ozone which is directly driven into the tissue, causing the ozonation of the blood. These sparks are germ-killing and overcome infection.

Stimulating treatments through clothing are very beneficial in rheumatism, lumbago, and partial paralysis. Skin disorders, where the circulation is impaired, are often greatly benefited by a slight stimulation. A single layer of a handkerchief produces enough resistance in such cases. An ordinary towel is best to use in chronic rheumatism and similar affections.

Loss of weight, lack of appetite, general weakness, lassitude and similar conditions as a rule indicate Anemia or impoverished blood and poor circulation, commonly called a run down condition.

The Master Violet Ray primarily increases the blood circulation. It does what the worn out run down body cannot do naturally. Disease germs are therefore fought and consumed, poisons are dissolved and carried away.

C: AS AN INTERNAL ANTISEPTIC.

Wherever the Violet Ray comes in contact with the oxygen in the air it changes a part of that oxygen into what is known as ozone, a concentrated form of oxygen that is a great many times more active than that in the air. Oxygen in the blood has the remarkable quality of burning up dead or diseased cells without burning up those that are healthy, and it is the only antiseptic known that can be taken directly into the body with this effect.

For this treatment the Master Ozone Generator shown on page 20 may be used with any Master machine for the purpose of obtaining large quantities of ozone for inhalation. The effect of inhaling ozone is much the same as that of inhaling large quantities of pure air, or even pure oxygen. It purifies and enriches the blood, invigorates the body and causes pure oxygen to be taken up in large quantities in the blood stream.

Ozone inhalation is of particular benefit in the treatment of respiratory disorders. Taken into the lungs it attacks the diseased cells and causes them to be oxidized and thrown off with the exhaled air. It is a most essential form of treatment for asthma, hay fever, and all lung, throat and nose cases.

applicator and applying it to the surface of the body nearest the seat of trouble. As the Violet Ray leaps from the

This treatment may also be obtained by using a surface applicator into the body it carries with it minute quantities of this concentrated oxygen which is thus injected directly into the tissues and blood. This is known as cataphoric action and has the effect of overcoming the lack of oxygen in the blood by charging it with an added quantity.

As Applied for Specific Conditions and Ills

The Hair, Scalp and Skin

If Nature has not endowed you with the charms that you desire, or if work and worry have left their lines in your face and figure, you can erase them with the Master Violet Ray. Rich, red blood is brought to the skin with the use of the Violet Ray. It nourishes the tissues and cells and brings the radiant hue of health and beauty to the skin. All facial blemishes quickly vanish.

If you do not feel well you cannot look well. Many women realizing that good health is essential to real beauty and the prolonging of youth use the Master Violet Ray with faithful regularity. The results obtained through its applications will be a revelation to you and in a remarkably short time will bring your body, health and appearance to that condition that Nature intended it should be.

Practically every disease of the scalp and hair, as dandruff, falling hair, etc., can be traced to the improper circulation of the blood flowing through the scalp. The roots are fed through the blood, which flows through small capillaries in the scalp almost microscopic in size. Because of their smallness, they become clogged very easily, as a consequence of which most persons are affected with some form of scalp disease. To overcome scalp disease, it is first necessary to remove the cause, and as this is poor nutrition due to faulty circulation, the Violet Ray naturally suggests itself as the ideal remedy.

For treating the scalp we have a special comb electrode which conforms to the shape of the head and pulls easily through the hair. Millions of tiny electric sparks jump from the applicator to the scalp, carrying with them pure ozone which acts as a germicidal agent and destroys any foreign organism which may be present. The tiny nerve and blood vessels are gently massaged, the blood starts flowing and nourishment is brought to the roots of the hair.

By the first treatment a warm, glowing, healthy feeling is brought to the scalp, and with a few successive treatments great improvement will be noted. The hair very quickly takes on a natural, glossy and healthy appearance. The use of the Violet Ray for a few minutes each day will make the hair thick, healthy and beautiful.

The Violet Ray is used by all modern beauty specialists in the treatment of the hair and skin.

Neuritis

Neuritis, as commonly understood, is rheumatism of the nerves. Although any nerve may be involved, the name neuritis is confined almost entirely to inflammation of the brachial nerves, which run from the upper part of the spine across the shoulders and down the arms. When the arms are lifted slightly, sharp, twinging, shooting pains are felt in the arms

and shoulders. Temporary relief can be secured by the use of properly applied heat, but a cure can be effected only by relieving the inflammation and removing the cause of the pain.

Treatment should be with very mild current gently applied to the pain area for about three minutes several times daily. As these nerves react very quickly, the first few treatments should be mild and short, but as the nerves become accustomed to it the treatment should be increased in strength and duration.

Not only does the Violet Ray improve health, but a permanent relief is secured by relieving the inflammation and removing the cause of the ailment.

Rheumatism—Lumbago

One function of the blood is to dissolve and carry away poisons. When circulation becomes sluggish or impaired these poisons, instead of being carried away, are deposited throughout the system, most commonly at the joints. At first this causes slight annoyance, but continued deposits result in the joints becoming solid, swollen, and severely painful. This condition is known as Articular Rheumatism, and will act upon the muscles in a similar manner, resulting in what is commonly called Muscular Rheumatism.

Inflammation of the nerve or muscles situated immediately below the small of the back is known as Lumbago. These pains are most apparent when the body is inclined forward or sideways, or when these muscles and nerves are brought into use.

Application of the Violet Ray to the affected parts restores circulation to normal, drives oxygen directly into the blood and results in a consequent dissolution of the poisonous deposits causing the ailment, thereby relieving the inflammation. Increased quantities of nourishment brought by the invigorated circulation build up and restore the affected part to normal.

Headaches—Insomnia—Brain Fag

A headache is a symptom of some local or constitutional derangement and not a distinct disease. Few drugs are directly curative and some are paralyzers of the heart while others destroy the red blood corpuscles.

When the Violet Ray removes pain it also builds up the forces of nutrition and general health. One of the most common uses of the Violet Ray is the removal of headache and in such a way as to leave the system in a normal and not a "doped" condition. Long, lasting relief is the rule, but some forms of pain return, and for these regular and persistent treatment is required.

Adequate and refreshing sleep and brain rest is necessary to good health. Inability to obtain these necessities is a very troublesome symptom which one should not neglect. There is no substitute for adequate sleep and rest. The Violet Ray, by its sedative action, tends to soothe and calm the nervous system and equalize the circulation, thus restoring this most essential capacity to normal.

Dyspepsia, Constipation and Digestive Disorders

These disorders are usually caused by lack of exercise and consequent accumulation of stagnant blood in the abdominal cavity. This causes the digestive organs to become congested, sluggish, and inactive and results in liver trouble, biliousness and constipation, with a consequent lowering of bodily vigor.

Treatment consists in getting this blood into circulation so it will find its way to the lungs to be properly purified. The digestive organs must then be stimulated to function properly

in order that they may be relieved of the accumulation of bodily waste. The Violet Ray can be applied to the seat of the trouble and gives wonderful results in the treatment of cases of this nature.

Correcting Female Complaints

The Sexual system, particularly in women, is very delicately adjusted and any disorder affecting other parts of the body, may have an influence on this system. Drugs act directly on the part affected, instead of removing the underlying cause.

There are three groups comprising female disorders. First —those caused by weakness of the parts or the supporting tissues. Second—Nervous troubles, and Third—those resulting from internal infection.

For relief of the ailments in the first and second groups— Daily applications of the Master Violet Ray, applied over the abdominal region, back and spine are highly beneficial. These rays exert a tonic, strengthening influence on the organs and restore them to normal. Spinal applications give immediate lasting results in nervous troubles, usually associated with disorders of this kind. The general health is built up—all the organs strengthened and the real cause of the weakness removed.

In the third group—those caused by internal infections are usually characterized by inflammation, pain and frequently by unnatural discharges.

In addition to the above mentioned treatment, internal treatment with one of the Vaginal Electrodes is advised. This internal application acts as a local antiseptic and relieves inflammation. The internal treatment should not be applied for more than five minutes.

Treatment for Men

Generally men become afflicted with ailments of the sex organs as do women, and the same general tonic treatment prescribed for women may be applied to men. A building up of the general health and the strengthening of the tissues and organs are the results of daily treatment with the Master Violet Ray.

Prostatic Trouble

For permanent lasting results, Violet Rays are without equal in treating this ailment. Physicians testify to its success, when medical treatment has failed. By the use of the prostatic electrode the healing heat and stimulating effect of the Violet Ray may be applied directly to the inflamed gland. In addition external treatment should be applied over the lower spine thus stimulating and building up the nerves leading to the prostate gland. A mild current applied for five minutes should be used.

Treatment requiring orificial application are explained solely for the benefit of physicians and other competent practitioners using Master Violet Ray Machines. Under no circumstances should such treatments be attempted by unskilled persons without competent supervision.

Metabolism—The Secret of Health

Perfect health depends upon the proper functioning of the combined building up and tearing down processes that are continually going on within our bodies and which are commonly described as Metabolism. Human energy is produced by the oxidizing, or burning up of certain elements in the cells and tissues throughout the body. This process is responsible for the heat of the body.

For the purpose of maintaining health, these elements that are being burned must constantly be replaced by nature. All too frequently, however, the balance ordinarily maintained be-

tween these processes is disturbed by a deficiency or surplus of new material. In cases where there is a deficiency the parts affected become wasted, weakened, and an easy prey to disease. In the second case they become fat, flabby and enlarged and, as a consequence, are unable to function properly. In either case the result is poor health.

A person's age, in terms of health and appearance, is governed by this process of metabolism. In early life the building up process is dominant and we have a period of growth and development. In the early twenties the stationary point is reached where the two are balanced. As long as this balance is maintained health is good and the human body is possessed of the buoyant energy and vitality characteristic of young manhood and womanhood. A disturbance of this balance results in the loss of this vitality.

The tearing down process dominates during the period of old age or decline. It is independent of years, however, and frequently begins in persons under thirty. With proper care, however, the building up process can be made dominant for many years and the ravages of old age postponed indefinitely.

Metabolism depends largely on the quality and proper circulation of the blood. A proper amount of oxygen is necessary in the blood to oxidize the body tissues and thus furnish energy. Tissue building elements must be supplied through the blood to replace those that are oxidized, and disease germs which find their way into the body must be overcome.

Every person who needs concern himself or herself with the subject is familiar with the symptoms of old age. Suffice it to say that the first indication is the loss of buoyancy felt in early life, followed by minor disorders which gradually grow more serious. It is highly important that these symptoms be overcome in their earliest stages.

The Violet Ray not only prevents the premature appearance of these symptoms, but will remove the cause of them after they have become apparent, if properly used. It does this by normalizing Metabolism—by working through the blood stream and equalizing the two processes necessary to perfect health.

Violet Ray treatments increase the oxygen content of the blood, thus hastening the oxidizing process in the tissues and causing waste material to be thrown off. It energizes every cell causing new tissues to be built in a normal way and assisting in the removal of surplus fat and foreign deposits. It prevents the formation of injurious mineral matter in the walls of the veins and arteries and elsewhere in the body. By the addition of its aiding the processes of digestion, assimilation and excretion it can be readily seen that it will correct the tendency to premature age by the normalizing of every bodily function.

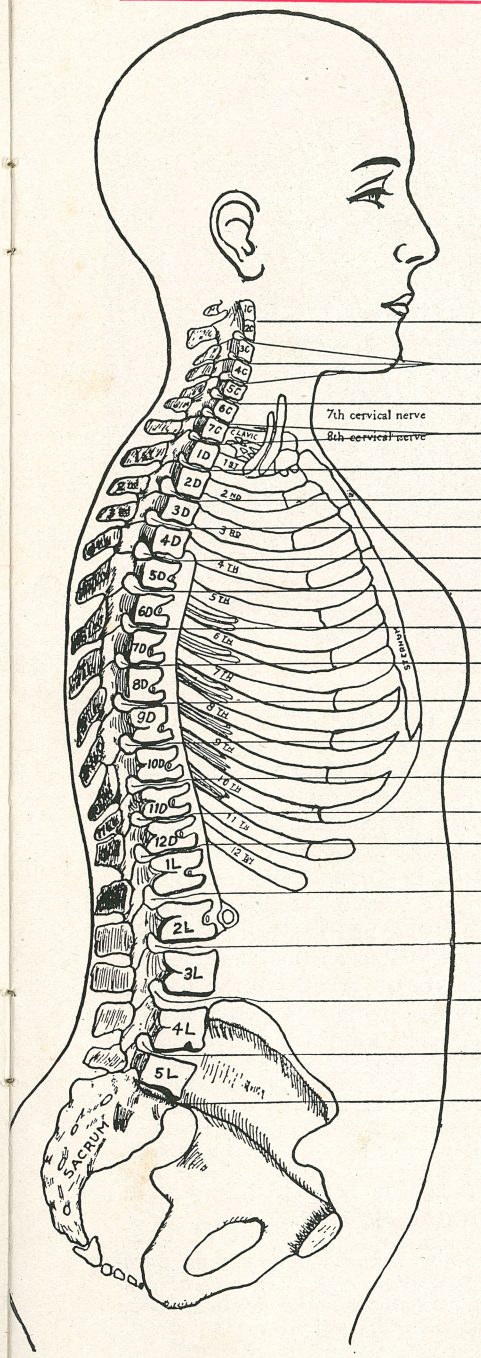
Keep This in Mind

Do not be afraid of the Violet Ray High Frequency current. It never harms. It causes no shock. Use Violet Rays freely so that you may familiarize yourself with their peculiar nature.

Violet Rays grow in their usefulness the more you study their action and effect. Make it clear to yourself what you wish to accomplish. If you want a soothing effect, do not apply a strong spray by holding the applicator distant from the part to be treated; make a close contact instead with the bare skin. If you wish stimulation treat through the clothing with a current strong enough to reach your tissues. If a tranquilizing effect to quiet the nervous system is desired, do not use a current strong enough to cause irritation. Let these be the guiding principles to you and the result in the use of the Violet Rays will be surprising.

The Spinal Nerve Centers

The Spinal Cord is contained in the Backbone or Spinal Column. The Spinal Cord is an extension of the brain. The nerves branch out from the spinal cord and go to all parts and organs of the body.



Pain or tenderness at any point along the spine signifies involvement of that corresponding organ. Both the organ and the spine should be treated.

By Violet Ray treatments these Spinal Nerve Centers can be stimulated to cause the parts and organs which are controlled by them to respond.

High frequency application to the correct spinal region will restore an organ which has lost its natural tone or shows impaired activity. The normal state of the organ or part will be regained so that its duty can be properly performed.

Master Violet Ray No. 11

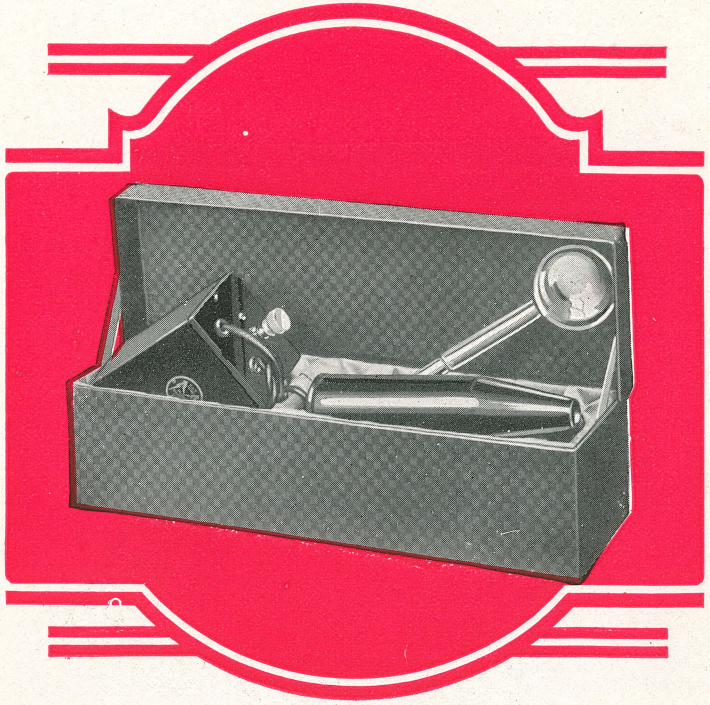
This wonderful new machine comes equipped with three Electrodes—Comb, Throat and General, contained in a very beautiful red lined carrying case. The magnet coil is mounted on a highly polished Formica plate. Coils and condensers are oversize to prevent overheating and the Tesla coil is designed to stand hardest usage. The handle of the machine is constructed of vulcanized hard rubber and is shock proof. We are using the same type of construction on this machine that all manufacturers use on their highest priced models; namely two piece construction. Equipped with three electrodes it represents the world's greatest value in a product of this kind and is the fastest selling machine ever offered.

Price.....

For 220 or 32 volts add $1.50.

Our 220 volt windings will run on both A. C. and D. C. current. Voltages are from 200 to 240 volts.

Its simplicity of operation, wide range of adjustment, durability, beauty and unique construction make it the ideal general purpose Violet Ray. We challenge anyone to offer a better Violet Ray at anywhere near its price.



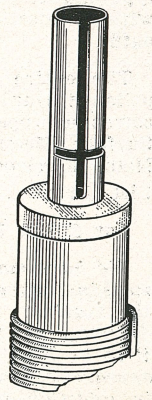
Master Violet Ray No. 10A

The lowest priced model Violet Ray machine ever offered by a responsible manufacturer. No exposed parts. Works on either direct or alternating current. Equipment consists of generator and general electrode in handsome silk lined container. The world's greatest value in a Violet Ray. At its price it has no competition.
For 220 volt or 32 volt add $1.50.

Special Feature Found Only in the Master Violet Ray Instruments

A very important feature of all Master Violet Ray machines is the special patented Master Electrode socket terminal which is a part of the resonator coil. Should the electrode break, the coil can simply be unscrewed from the hard rubber housing and the electrode end easily removed by inserting a screw driver or knife in the insertion, as shown in illustration.

In the past, where the electrode has broken, it has been necessary for practically all users to take these to an electric shop or repair man to have the electrode end removed. This annoyance is altogether eliminated, both to the user and the dealer, by the patented Master Electrode Terminal socket which is found only on Master Violet Ray machines.



Master Patent Electrode Socket

Master Outfit No. 2B

This machine is of the one-piece type; that is, the entire outfit is contained in the handle and there is no separate Coil contained in cabinet or carrying case. For those who desire simplicity in appearance and operation, this Master One Piece type machine offers the greatest efficiency possible. It is without question the greatest value ever offered in a one-piece outfit.

The entire mechanism is enclosed in a beautiful highly polished Hard Rubber Housing. It is light in weight and comes equipped with a handsome seal grain carrying case, Surface Electrode No. 1, Comb Electrode No. 3 and No. 12 Metal Electrode.

List Price.....

For 220 or 32 volts add $1.50.

We have made a very marked improvement in our one-piece machine, whereby it excels any other machine of this type on the market. This has been accomplished by reducing the diameter of the handle so that its size is such as to enable it to be held easily in the hand. It is more symmetrical in appearance and considerably lighter in weight. These changes in addition to having improved its appearance so greatly have also increased the efficiency of the machine to a considerable extent.

Master Violet Ray No. 15

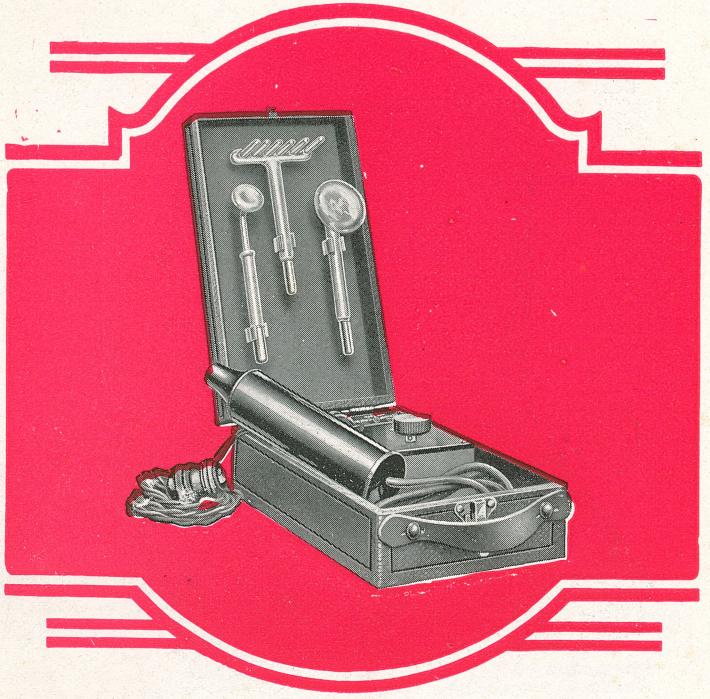
This wonderful new model represents the latest development in a one-piece outfit. Due to our special type of construction the machine cannot be thrown out of adjustment by turning the adjustment knob too tightly and locking the vibrator springs, a defect found in most other one-piece outfits.

An exceptionally strong hard rubber housing is used and the coils are so constructed that they will not overheat. This machine is without competition where lasting qualities and value are considered. Equipped with handsome carrying case with No. 1 Surface, No. 3 Comb, No. 12 Metal and No. 4 Throat Electrodes.

Price.....

For 220 or 32 volts add $1.50.

Our adjustment is a piece of precision mechanics, highly developed, accurate and dependable. The arrangement of adjustment prevents locking of vibrators, thus eliminating burning out of the coils. This is a feature of all Master machines. Our handles are molded in one piece so that there is no leak from the nozzle.



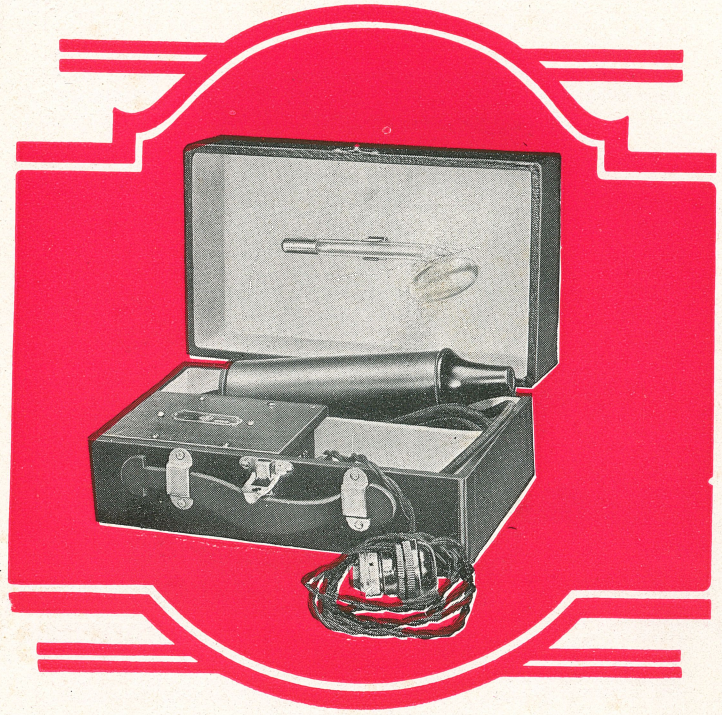
Master Violet Ray No. 20

This machine represents an ideal portable outfit. The adjustment knob acts as a switch and is located on the top of a beautiful highly polished panel of Formica. The handle of the machine is light in weight and makes a most compact and attractive portable model for those preferring the two-piece type of construction. The carrying case is velvet lined, very strongly constructed, and the equipment consists of General Comb and Eye Electrodes.

Price.....

No extra charge for special voltage.

The Master Electric Company specializes in the manufacture of Violet Ray machines, and is the largest manufacturer of Violet Ray machines in the world. Every machine is thoroughly inspected and you are assured of receiving a machine perfect in every detail and fully guaranteed by a responsible manufacturer.



Master Outfit No. 1

An outfit built to supply the demand for a high class Violet Ray machine, with features of the higher price types at a price within the reach of everyone. With the perfection of this machine, we are now in a position to offer our customers a low priced Violet Ray instrument, which may be sold without fear of a dissatisfied buyer and with the knowledge that the best machine obtainable at its price is being placed in the customers' hands.

The Magnet Coil and Adjustments are mounted in the carrying case. The Resonator Coil is contained in a separate Hard Rubber Handle of special design. The Handle and Cords are shock proof.

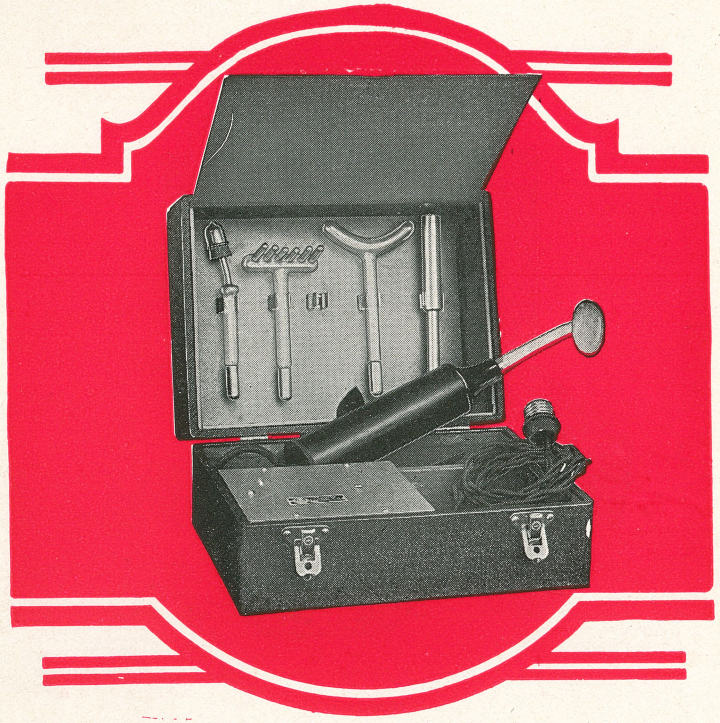
Master Violet Ray Outfit No. 1

The outfit includes the Generator and General Electrode No. 1. The Electrode is mounted in a carrying case, which is equipped with a clip holding it in place, to prevent breaking.

Price.....

For 220 or 32 volts add $1.50.

We are the originators of this type of two-piece construction and have made it one of the most popular Violet Ray Machines on the market.



Master Outfit No. 8

This machine is designed to meet the demand for a complete Violet Ray equipment of the two-piece type for home and profession, at a moderate price.

The case is designed to hold five electrodes, which are contained in a separate compartment with clips to hold the electrodes. A flap separates this compartment from the Generator. The case is velvet lined and very attractive.

The equipment consists of the Surface Electrode, Comb Electrode, Throat Electrode, Eye Electrode and Metal Saturator. In the illustration, a Cautery Electrode is shown in place of the Eye Electrode, choice of either is given. If neither is designated, Eye Electrode is furnished with the machine.

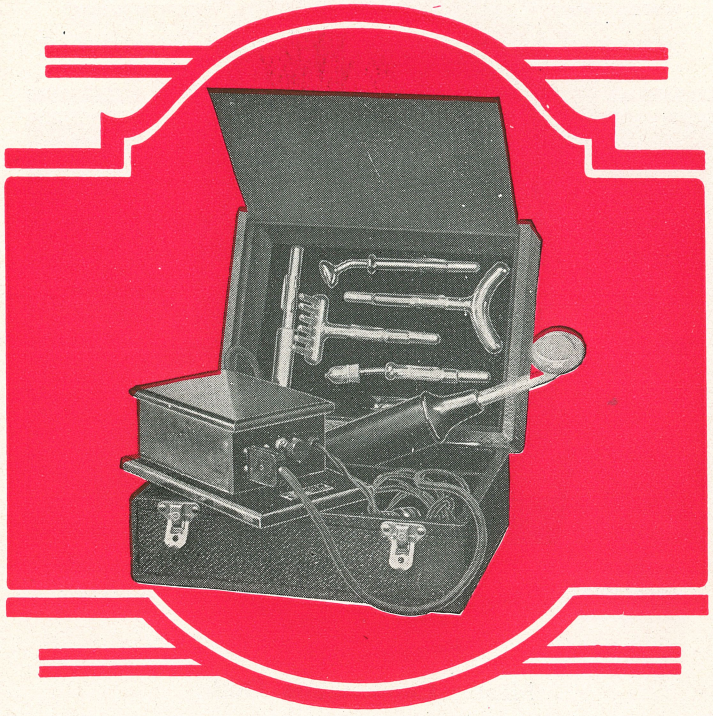
A beautiful finished, quality product at a popular price. One of our most popular sellers. Distinctly a Master Product.

Price.....

No extra charge for special voltages.

Every point of construction, every piece of material used, is given careful attention with the view of placing in the purchaser's hands the best your money can buy. An instrument that will give service when needed and one that will not break down under continued use.

We manufacture only high grade, substantial machines. Quality considered, the price is most reasonable, within everybody's reach.



Master Outfit No. 4A

The machine shown in the above illustration comes equipped with the following electrodes: General Electrode, Comb Electrode, External Throat Electrode, Eye Electrode, Cautery Electrode and Metal Saturator.

Price.....

Master Violet Ray No. 4—For Physicians

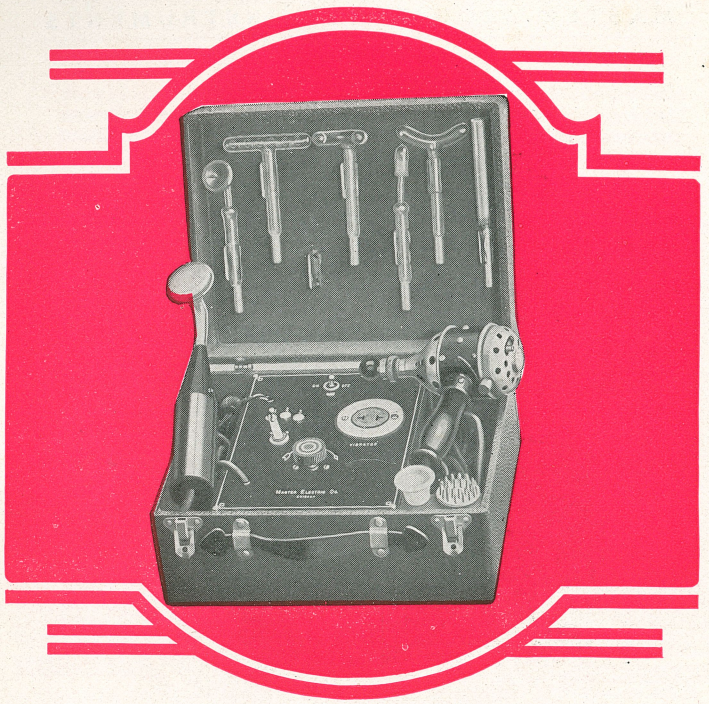
This outfit is similar to the 4A shown above but is equipped with special electrodes for physicians' use, consisting of one Body No. 1 and five Orificial Electrodes, Nos. 20, 21, 22, 23, 24.

Price.....

Master De Luxe Violet Rays

The Generator is mounted in a beautifully finished mahogany cabinet with silk connecting cord. The handle of the machine is light in weight and is in a separate Hard Rubber Housing. The cabinet and the housing are contained in a Keratol covered carrying case, which is lined with velvet throughout. The carrying case has a separate compartment for electrodes which are protected by a flap, as shown in the illustration.

The cabinet may be hung on the wall or placed on a table and used separately from the case. Very popular model in beauty parlors and with professional people.



Master Combination Outfit

This very complete outfit, equipped with a high frequency unit of three-condenser capacity and vibratory apparatus, presents the two recognized methods of electric application.

The high frequency generator is equipped with extra capacity condensers and has very great penetrative power, developing a current of great therapeutic value. Individual condenser operation and the operating strength of the current on each condenser can be regulated by means of the handy switch and adjustment knob respectively, both of which are plainly marked and mounted on the beautifully engraved panel of black bakelite material which contains all controls.

Vibratory treatments are secured from the universal current motor driven vibrator equipped with speed controls. This apparatus can be operated by inserting the plug in the vibrator outlet mounted on the panel, or independently of the rest of the machine, if desired.

High frequency equipment consists of General, Comb, Throat, Eye. Spinal, Metal and Cautery Electrodes. Facial, Scalp and Body Applicators are furnished as part of the vibratory equipment. The entire unit is enclosed in a handsome leatherette carrying case lined with red velvet. The very finest outfit that can be secured. You will find nothing finer on the market at any price.

Price.....

Without Vibratory Equipment.....

No extra charge for special voltage.

This machine can also be furnished without vibratory equipment. When so furnished the vibrator outlet is always available for use in connection with a vibrator already in one's possession or which may be purchased later.

Master Violet Ray No. 235

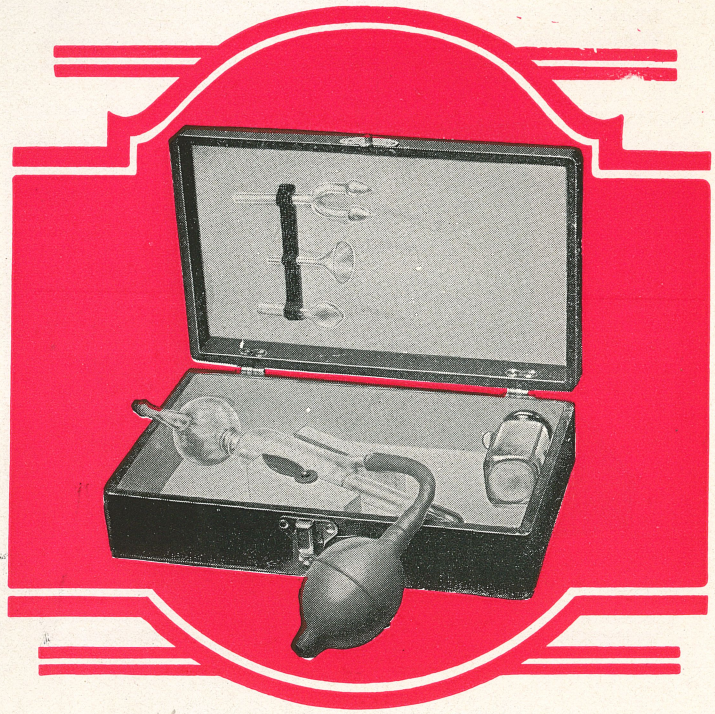
A very popular and fast selling outfit. Our superior one piece type outfit in beautiful silk lined carrying case. The applicators included are the General No. 1, Comb No. 3, External Throat No. 4, Eye No. 5, Metal No. 12, and Insulated Internal Throat No. 20. A most complete and beautiful equipment. This machine can also be furnished for operation on 32 volts or 220 volts without extra charge.

Price.....

No extra charge for special voltage.

All Master Violet Ray outfits are designed to work on standard current 110 to 120 volts, A. C. or D. C.

The output of Master instruments is truly marvelous, not only is the amperage tremendously high at the full adjustment, but the milli-amperage is great in volume, causing much heat at the point of application to the body, an effect most desirable and not found in other instruments.



Master Ozone Generator No. 28

The Ozone Generator is a special applicator designed for direct medication in nasal, throat, bronchial and lung affections. It generates enormous quantities of ozone. Ozone is a faint blue gas composed of oxygen and is formed by the passage of an electrical discharge through air. Outdoors, we get ozone after a thunderstorm and indoors, the same effect can be produced mechanically with Violet Rays.

Ozone treatments are very beneficial, and excellent results are secured in all diseases of the Respiratory Organs. Influenza. Catarrh, Bronchitis, Asthma, Hay Fever, etc., quickly show marked improvement from its use. The ozone permeates every cell, destroying germ life, and smoothes the inflamed tissues.

Directions for Operating Ozone Generator

The Generator is pushed into the instrument handle, after filling the inhalant chamber one-fifth with inhalant solution, the current is turned on. The right hand is then put around the ozone chamber while the other hand actuates the pressure bulb at convenience. The nostrils are placed over or tight against the nose-piece and the ozone is forced down through the nose into the lungs by pressing the bulb. The inhaling of the ozone should be deep and the air completely exhaled before taking another breath. Inhalation may also be made through the mouth by changing the nose-piece for the mouth-piece.

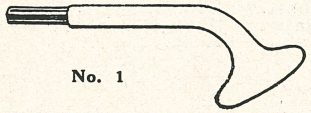
The inhalant solution contained in the upper chamber of the generator washes the ozone as it bubbles through it, allowing particles of it to be carried along in the form of vapor. This inhalant solution is a splendid combination of essential oils which have a soothing effect upon the membranes and assist in healing.

The complete outfit consists of the Generator, a nose-piece, a mouth-piece, pressure bulb, inhalant solution. **Complete with all attachments.**

Master Electrodes or Applicators

Vacuum Glass Electrodes for High Frequency Violet Ray Application are made in two types: Plain, or non-insulated and insulated. Insulated electrodes are used for Orificial treatments mostly, as they deliver a greater quantity of current at the desired locality.

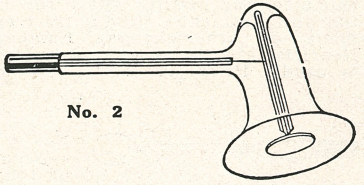
Master electrodes are made of the best grade of special glass, which will stand heavy usage without signs of deterioration. The vacuum in Master electrodes is perfect. The ends of the electrodes are protected by metal caps, which insure greater life. All electrodes are carefully tested and packed.



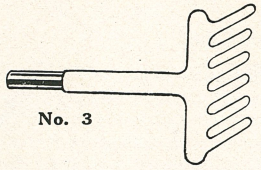
No. 1

No. 1 General Electrode.—For facial and body treatment, and for any surface application. This applicator is supplied with all Master Violet Ray machines as a part of the instrument. Price

No. 2 Condenser Electrode.—As the name implies, it condenses the current, and produces a strong, even flow; also generating electrical heat, which is very desirable in deep seated cases. Used for Rheumatism, Lumbago, Neuritis, etc. Price....



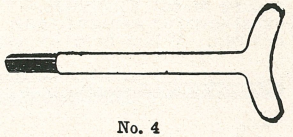
No. 2



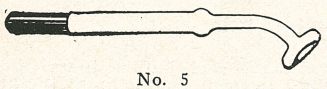
No. 3

No. 3 Comb-Rake Electrode.—Used for all scalp treatments; Falling Hair, Dandruff, Gray Hair, and for stimulating the hair cells. Price.....

No. 4 Throat Electrode.—Designed to fit over the neck. Excellent results have been accomplished with this electrode in Goitre, Tonsilitis, Double Chin. Price.....



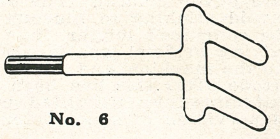
No. 4



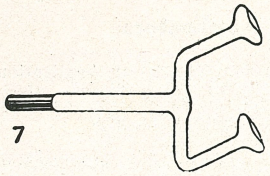
No. 5

No. 5 Eye Electrode. — Single Eye electrode designed to fit closely over the eye. When treatment is given only a slight warmth can be felt. Is used for the treatment of all eye complaints and for strengthening the optic nerves. Price...

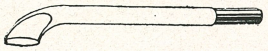
No. 6 Spinal Electrode.—For all Spinal treatments. Arranged so that it fits over both sides of the vertebrae. Price.....



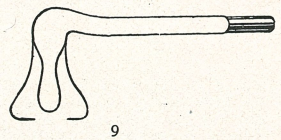
No. 6


7

No. 7 Double Eye Electrode.—This electrode is used for the same purpose as the No. 5 Single Eye Electrode, but is designed for the treatment of both eyes at once. It distributes the current evenly to both eyes and is recommended where both eyes are to be treated. Price..


8

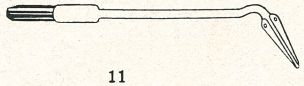
No. 8 Small Cataphoric Electrode.—This electrode is made with an indentation on the surface to hold absorbent cotton and liniment of any kind. It is used in the treatment of Rheumatism, Lumbago, Neuralgia, or in fact, wherever liniment is used in connection with any Master Violet Ray machine. Price.....


9

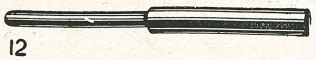
No. 9 Large Cataphoric Electrode.—This electrode is used for the same purpose as No. 8, but has larger capacity, and greater space for cotton and liniment. Used in the treatment of Rheumatism, Lumbago, Neuritis, etc., or wherever liniment is used. Price.....

10

No. 10 Spatula or Tongue Electrode.—Used for treatment of the mouth or tongue, as its name implies. Price.....


11

No. 11 Insulated Ear Electrode.—This electrode has been specially designed for treatment of the ear. It is used for the treatment of all Catarrhal conditions in the ear, and for earache, deafness and head noises, etc. Price.....

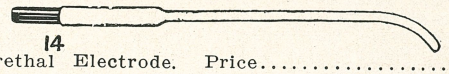

12

No. 12 Metal Electrode.—This delivers a strong current and is excellent for general tonic and where constitutional effects are desired. When held by the patient, there is no muscular contraction, merely a sense of warmth through the entire body. The current can also be drawn to any part of the body by using the No. 1 electrode or the fingers of the operator. Price.....

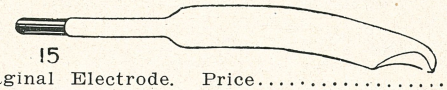
Orificial Treatments

All Orificial electrodes must be lubricated before insertion. For the sake of safety there should be two people in Orificial work, the patient and the operator. The current should be turned on after inserting the electrode into the orifice and turned off before removing the electrode. Orificial treatments are never painful. The electrode should be moved slightly to avoid sticking to mucous membrane. Treatments are not to be continued longer than five minutes. The best method of giving orificial treatments is to use the metal electrode No. 12 in the machine, and apply to the metal cap of the orificial electrode after this has been inserted. Treatments should not be attempted by unskilled persons without the instruction and supervision of a competent practitioner.

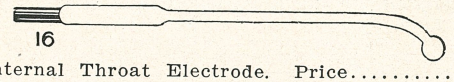
Orificial applicators are illustrated solely for the benefit of physicians and other licensed practitioners. Under no circumstances should treatments be attempted by unskilled persons without competent supervision.


14

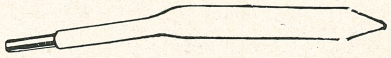
No. 14 Urethal Electrode. Price.....


15

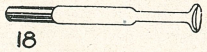
No. 15 Vaginal Electrode. Price.....


16

No. 16 Internal Throat Electrode. Price.....


17

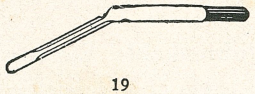
No. 17 Rectal Electrode. Price.....


18

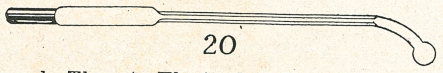
No. 18 Corn Electrode.—This electrode is used for the treatment of corns. It fits snugly over the corns. Price .....

Insulated Electrodes

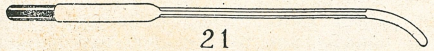
The advantage of insulated tubes is that the current may be introduced without loss into the orifice of the body. In using plain electrode for an orifice, much of the current is lost at the first point of contact. For instance, if the prostatic gland is being treated with the plain electrode, much of the current is drawn off at the opening of the rectum, but if the insulated tube No. 22 is used, the current is conveyed to the desired point without loss.


19

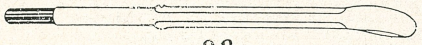
No. 19 Nasal Electrode.—Used for rhinitis, nasal catarrh, etc. Price .....


20

No. 20 Internal Throat Electrode.—Used for tonsilitis, hyperthrophy of the tonsils, ulcers of the tonsils, etc. Price .....

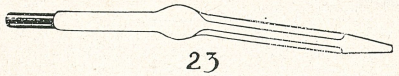

21

No. 21 Urethal Electrode.—Used for cystitis, strictures, gonorrhea, etc. Price .....



22

No. 22 Prostatic Electrode.—Designed so that it fits directly over the prostatic gland. In many cases this electrode can also be used for vaginal work in place of No. 24. Price.....

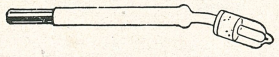


23

No. 23 Insulated Rectal Electrode. Price.....

24

No. 24 Vaginal Electrode—(Without perforations). Price.



25

No. 25 Cautery Electrode.—This has a platinum wire sealed in the glass. For removing warts, moles, or growths of any nature, it cannot be excelled. Very seldom is it necessary to give more than two treatments; most often one application is all that is necessary. Price.....

26

No. 26 Special Vaginal Electrode.—Made with perforations so that ozone may be generated within the vagina. Used for ovaritis, leucorrhea, vaginitis and all pelvic inflammations. Price.....

Unbreakable Electrode

This electrode is made of a special composition and supplied in the Surface type only. These electrodes not being made of glass, are unbreakable. Price, Surface Electrode, $3.50.

Care of Electrodes

Keep the electrodes clean. Washing with warm water and soap is sufficient. Electrodes will stand heat and can be boiled in water.

The electrodes will burn out in time much on the order of an electric light bulb. When difficulty arises with the machine it is usually due to the electrode being burnt out. Try another electrode before concluding that the trouble is with your machine.

Use Your Master Outfit as a First Aid

There is no quackery or uncertainty about the Violet-Ray High-Frequency Current. It is a thorough cell massage and a wonderful stimulant, and while it is by no means put forward as a cure-all, yet it is of the utmost aid in restoring to normal the physical condition impaired from almost any cause. The results obtained are universally beneficial and can never in any instance be harmful.

Master Violet Ray Treatments

The following are but suggestions, inasmuch as in most instances the individual will develop a technique suitable to his own particular case.

Violet Ray treatments need not be of long duration. Short treatments at frequent intervals are very effective. Always start with the weakest current possible in order to avoid the initial discharge, which occurs when the electrode is brought in contact with the body. Make contact with the electrode quickly when beginning and finishing the treatment. If metal objects such as hairpins, corset steels, chains, etc., cannot be avoided during the treatment, they should be removed.

The suggestions for the treatment of disease outlined below have been taken from cases where physicians or clinics have obtained excellent results. Not all cases will be cured through High-Frequency alone, but in every case it is a valuable adjunct to other treatments; in fact, many cases have been greatly benefited where medical treatment has failed.

These suggestions are given for the benefit of physicians using our apparatus. Under no circumstances should orificial treatments, or the treatment of any serious disease or condition, be given without first consulting a physician. It is not our purpose that the Master Violet Ray be used as a substitute for the services and attention of a competent medical adviser.

While the use of the Violet Ray is being advocated by physicians and professional persons throughout the country, it must be remembered that it is not sold as an infallible remedy for any ill and that there are physicians and other practitioners who have not become educated to its use and who consequently do not recommend it. It is a matter of common knowledge, of course, that medical theories are open to dispute within the profession as are the theories of any subject. When viewed in this light, and in consideration of the widespread use and popularity of the Violet Ray, the attitude of those dissenting members of the profession is open to considerable discussion.

Treatments

Alopecia or Falling Hair—Use Comb electrode No. 3. Use a mild current at first, which can be increased with treatments. Pass the comb back and forth over the entire scalp for about five minutes every day. This same treatment can be used for gray hair in restoring it to natural color. Use same treatment for baldness. Do not use the Violet-Ray on the hair immediately after applying any preparations containing more than forty per cent of alcohol.

Acne: Pimples—Treat the entire surface for about seven minutes with the Surface electrode No. 1. If the skin is damp, either apply talcum powder, or treat through handkerchief or other clean cloth. Use a medium current.

Anaemia—General application to the entire body. Treat with Surface electrode No. 1 over the chest, and Throat Electrode No. 4 on throat glands, the treatment to last from five to ten minutes. The Ozone Generator is also of the utmost benefit.

Ammenorrhea—Irregularity—Suppressed Menses—With the vaginal tube No. 24 or 26 an emmenagog effect can be produced. Apply any antiseptic lubricant to tube. Give 10 minute treatments every other day. Also apply surface electrode No. 1 to spine, 5 to 10 minutes.

Abscess—To abort an abscess, the use of the surface electrode has been found to be the most beneficial. Keep tube in contact with skin. Apply any antiseptic lubricant on tube before applying. Give 5 to 10 minute treatments.

Adhesions—In conditions following operation or inflammatory conditions, use the condenser tube No. 2. Apply any antiseptic lubricant on tube. Give 10 to 15 minute treatments daily.

Asthma—Apply Surface electrode No. 1 or Condenser No. 2 over the chest and throat glands for about 5 minutes with a strong current. Treatment of Asthma is also found to be very successful by the use of the Ozone attachment, filling it with 1 dram of Oil of Pine; 1 dram of Oil of Eucalyptol; 5 minims Beechwood creosote. Inhale 3 to 5 minutes daily.

Ataxia—Use as strong a current as can be tolerated to spine, over abdomen, and back of legs. Give milder treatment as improvement is noticed.

Barber's Itch—General treatment with electrode No. 1 for 5 minutes daily.

Pains in Back Quickly Relieved

Blepharitis—Infection Edges of Eye Lids—Excellent results can be produced by the use of the eye electrode No. 5; treatments 10 minutes daily. Also use throat tube No. 4 to go around area of the conjunctiva or mucous membrane of the eye 5 minutes.

Boils — Furunculosis — In treatment of Boils, excellent results have been obtained by giving a light spark around area of infection with the surface electrode No. 1 and then applying the electrode direct on same twice daily 5-minute treatments.

Bruises—Use Surface electrode over area affected. Treatments about five to ten minutes. Medium or strong current.

Bunions—Use Surface electrode in direct contact with skin, with medium current for about five minutes.

Burns—Apply electrode in close contact with the burned area, using a mild current for a short time, two or three times a day.

Brain Fag—Use applicator No. 1 over forehead and eyes. Also treat the back of head and neck with strong current in direct contact with the skin. Treat the spine and hold the electrode in the hand. Ozone inhalations for about four minutes are also of importance.

Blackheads—A mild to medium treatment of five minutes daily. Use Surface electrode No. 1, and apply talcum powder before treating.

Bronchitis—By the use of the Ozone attachment, very beneficial results and great relief can be obtained immediately. Use same mixture as in treatment of Asthma.

Carbuncle—Use the Surface electrode No. 1, applying same direct, 10 to 15 minutes daily.

Cataract—Great relief can be obtained in the early stage of cataract by the use of the eye electrode, either single or double, with a very fine current, not exceeding ⅛-inch in length.

Callouses—Use a strong electric current with Surface electrode No. 1. The current can also be applied by holding electrode a short distance from the skin.

Carbuncles—The treatment prescribed for boils should be followed in treating cases of this nature.

Catarrh—Nasal—In this condition the nasal tube is used within the nose with a mild current within the nasal passage, 2 to 5 minutes on each side, followed by an application with the surface electrode externally over the area of the nose. Use ozone generator.

Catarrh of Womb—Use Vaginal electrode No. 24 or No. 26 for five minutes daily. Electrode to be lubricated before insertion.

Chilblains—Use Surface electrode with strong spark applied directly to the skin. Treatment to last about ten minutes.

Cold Extremities—Apply Surface electrode direct to affected parts, using a strong spark for about five minutes. Also apply electrode to the spine; keep the electrode about one-half inch from the skin until the surface is red.

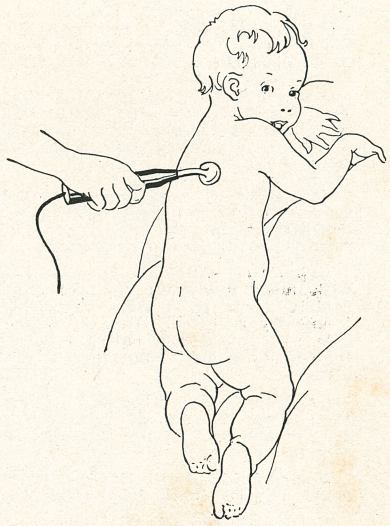
Constipation — Apply Surface electrode over the bowels. Apply for about ten minutes, moving the electrode. Use a strong current. Physicians use Rectal electrode No. 25 for insertion into the Rectum. Orificial treatments last about five minutes.

Dandruff — Directions for the treatment of Alopecia are applicable in cases of this nature.

Deafness, Earache and Ear Diseases—Apply Ear electrode with very mild current into the ear. Care must be exercised so as to not touch the ear drum. Three to five minutes is sufficient.

Dyspepsia — Use electrode No. 1 or No. 2 over the stomach and solar plexus with a strong current for about ten minutes.

Eczema—By the use of the Surface electrode No. 1, excellent results have been obtained by giving the patient as much current as can be endured. Another beneficial way of treating is to apply gauze over the area and go over same with the electrode.



Perfectly Harmless, Can Be Used for Baby

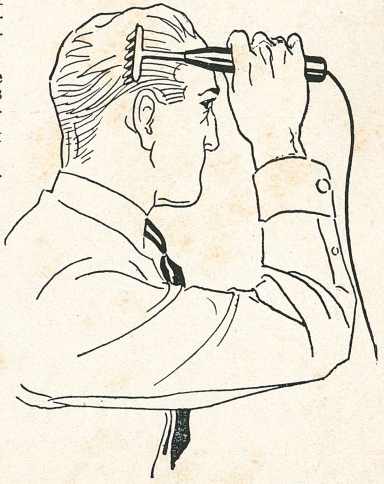
Epididymitis—Great relief is given immediately by the use of the surface electrode No. 1 in the area involved. Give 15 minutes daily.

Freckles—Cover surface with gauze and treat daily with a medium current of from five to ten minutes' duration. Results are quite apt to be very slow and patience is required.

Frost Bites—Instructions outlined for the treatment of Chilblains may also be adapted to the treatment of this ailment.

Fissure—Anal — Remarkable results, and in many cases complete recovery, can be expected by the use of the rectal electrode No. 25 tube. Apply an antiseptic lubricant on the tube before inserting, giving 10 minutes daily.

Goitre—In Goitre cases, by the use of the Surface electrode No. 1, the tube should be kept in light contact with the skin, treating the sides of the neck as well as over the Goitre itself, giving 10-minute treatments daily.



Gonorrhea—In sub-acute or chronic forms, marked beneficial results have been obtained by the use of the urethal No. 21 or vaginal No. 24 electrodes. Apply any antiseptic lubricant on tubes before inserting. Give 7-minute treatments daily.

Gleet—By the use of the urethal No. 21 and the rectal No. 25 tubes. unusual results have been obtained. Insert same with any antiseptic lubricant, giving 10 to 15-minute treatments daily.

Grippe—Breathing through Ozone Generator gives immediate relief. Follow with treatments over side of nose, and in some cases with Nasal electrode No. 19 internally. Treatment five to ten minutes.

Gout—Apply Surface electrode to the spine to stimulate the system. Then apply Surface electrode to the painful area with a medium current, keeping the electrode in contact with the skin but moving same about. Pain may be noticed at first, but results are certain if treatment is continued.

Gray Hair—The natural color of the hair may often be restored by continued and patient treatment with electrode No. 5. See Alopecia. Several months are usually required for results. Use a current for stimulation at least once a day.

Hay Fever—Apply Surface electrode over the nose and along spine with medium current for five minutes. Apply electrode No. 19 in nostrils for a short time. Treatment must be of short duration but frequently repeated. Use the Ozone Generator freely, it being advisable to Ozonate the entire room with it. For satisfactory results treatments should commence two or three weeks before period of attack.

Headaches—Frontal and Occipital headaches are relieved by using the surface tube No. 1 over the seat of pain. Keep the tube in loose contact and prolong the treatment until relief takes place, which usually takes from 5 to 10 minutes.

Hemorrhoids—With the use of the rectal tube No. 25, temporary relief may be obtained by giving 5-minute treatments daily.

Herpes—Zoster—Application of the condenser tube in the eruption of Herpes. Recovery can be hastened by giving 10-minute treatments daily. 3 to 5 treatments are usually sufficient.

Impotence—The most beneficial way of treating this condition is by the use of the prostatic tube No. 22 with plenty of spark. Use the surface electrode No. 1 slightly raised over the area of the spine from 5 to 7 minutes daily.

Rheumatic Pains in Limbs Disappear After Few Minutes Treatment

Incontinence of Urine—Apply the surface electrode No. 1 over the area of the spine, raising same slightly; also apply electrode around the area of the Bladder, 5 minutes daily.

Insomnia—The method most beneficial has been the use of the condenser tube, which is kept in light contact with the back of the head and neck, going down the spine for about 5 minutes daily before retiring.

Jaundice—By the use of the condenser electrode, great relief can be obtained. Apply electrode over the area of the liver, 10 minutes daily.

Laryngitis—The throat electrode either by the loose contact or mild spark will greatly aid in treatment of this nature. Ozone inhalations are most advisable.

Lumbago—Apply the current through the clothing with as strong a current as can be tolerated. Continue treatment until pain is gone. Keep the electrode moving and give long treatment.

Leucorrhea—Use Vaginal electrodes No. 24 or 26, lubricating before insertion. A medium treatment for five minutes is applied and repeated as circumstances require. Current should be turned on after insertion of electrode and off before removal of electrode. Antiseptic douches in connection.

Neuralgia—To obtain a hurried relief of neuralgia, the surface electrode No. 1 should be used. Pass back and forth in light contact with the skin, giving 10-minute treatments as needed.

Neuritis—Use Surface electrode for five minutes at a time. Several treatments a day are advisable. Use light current at first, and gradually increase same. Apply locally or to entire body, depending upon the condition.

Obesity—Apply Surface or Condenser electrode No. 2 for fifteen minutes twice daily. Use very strong current. Fats will be consumed by increase of oxidation but diet must be reduced and watched.

Pharyngitis—In acute forms with the use of the throat electrode, quick relief can be obtained. Give 5-minute treatments daily.

Pleurisy—Using the condenser tube over the front and back of the chest until a marked reddening of the skin indicates a counter irritation. Two or three treatments are necessary in acute cases and one daily in chronic cases.

Psoriasis—This is treated by the same technique as that employed in eczema.

Rheumatism—The condenser tube is of exceptional value in chronic and muscular rheumatism. Apply the electrode over the area 10 to 15 minutes daily.

Ringworm—Use the Surface electrode and apply short sparks several times a day with a medium current for several minutes.

Scars—By the use of the Surface electrode No. 1 a softening effect can be produced on soft tissue, treating same 5 to 7 minutes daily.

Sciatica—Apply the condenser electrode along the course of the nerve and over the lower part of the spine, giving 10-minute treatments daily.

Sinusitis—The use of the surface electrode No. 1 gives a hurried relief by applying same over the area of the Sinuses daily for 5 minutes.

Sore Throat and Throat Diseases—Use Internal Throat electrode No. 20 with medium current for five minutes, and for the External Throat electrode No. 4 on the outside of the throat for the same period of time.

Stiff Neck and Joints—Apply Surface electrode, using the same method as explained in Neuritis.

Tonsilitis—Use treatment as above for Sore Throat. Ozone treatments are also of importance.

Urticaria—Hives—Urticaria can be quickly eliminated by the use of the surface electrode No. 1, going back and forth over the area for 10 minutes daily until condition is gone.

Warts and Other Small Growths—The Fulguration electrode should be used, as it throws a fine sharp spark. Apply to growths long enough to cauterize the surface. A few seconds is usually all that is necessary. Wait a day or two for results and, if necessary, repeat. Where there is no Fulguration electrode the Surface electrode can be used by holding it about one-eighth inch from the growth and allowing the sparks to pass from the edge of the glass.

Writer's Cramp—In this condition a hurried relief can be effected by the use of the surface tube No. 1 over the area of condition, using same until condition is relieved.

Wry Neck—Torticollis—Using the No. 1 or No. 2 over the area of the neck and down the spine daily for 10 minutes, relief can be effected.

Directions for Operating

The Master Violet Ray

1. Insert glass applicator into the instrument.
2. Attach the connecting plug to the lamp socket.
3. Turn the current on.
4. Adjustment of the Violet Ray discharge is obtained by the adjusting knob. To the right the discharge increases, to the left it decreases.
5. Start any treatment with a mild discharge and increase it gradually to the required strength.
6. Take good care of the connecting cord. Keep it dry and free from knots and twists. Have it repaired in time if signs of wear appear.

Don'ts

1. Do not attempt to repair the apparatus. If the necessity arises, write to the Factory advising of your difficulties and you will be informed what to do.
2. Do not use the Master in connection with any tonic or medicant containing a large percentage of alcohol on the hair or any part of the body.
3. Be careful with the apparatus and when not in use turn the current off. Be on the safe side and remove the connecting plug from the lamp socket after use.
4. Do not touch the appliance or attempt to connect it to a lamp socket when your hands are wet. Do not use while at the wash basin or in connection with an electric bath.

Another *don't* that is indeed very important is that the handle of the Violet Ray Machine should not be grasped close to the applicator while the machine is not in use; i. e., when the current is turned on and the applicator is not being applied to the body.

The reason for this is that the current will jump from the tip of the handle if it is not being drawn off by the glass applicator to some part of the body. It is a simple matter to avoid by merely holding the handle of your machine at the end farthest away from the electrode.

NOTE: Damages arising from carelessness are not covered by our guarantee. If instructions are properly followed, the Master will last indefinitely.

Master Violet Rays seldom give the user trouble and will last indefinitely. **Nothing is to be oiled or adjusted.** When trouble occurs it is usually with the electrode, as already explained, or due to a broken cord at the point where it enters the cap in the base of the hard rubber handle.

Unless otherwise specified all machines will be furnished to operate on standard voltage of 110 to 120 volts. Machines can also be furnished to operate on 220 volts and 32 volts.

GUARANTEE

The Master Violet Ray instrument is guaranteed against mechanical and electrical defects for a period of one year from date of purchase by the user, providing that all instructions for the proper use and operation have been followed. Defective parts will be replaced free of charge when needed, providing the apparatus is returned to the factory prepaid. Damage caused by parties other than ourselves in attempting to repair our machines are not covered by this guarantee. Glass applicators are not guaranteed for any specified period of time; they are made of the very best material obtainable and thoroughly tested before shipping.

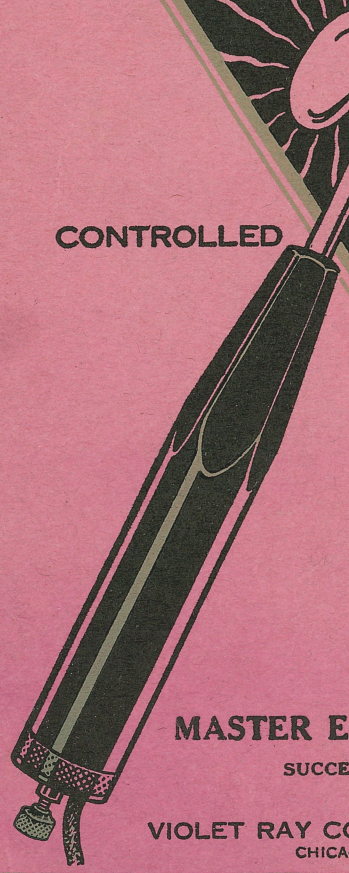
The Master Electric Company, Inc.

Chicago, U. S. A.

VIRACOR
PRODUCTS
CHICAGO, ILL., U.S.A.
TRADE MARK REGISTERED

The New VIRACOR

HIGH FREQUENCY VIOLET RAY GENERATOR



CONTROLLED ELECTRICITY

for

HEALTH
BEAUTY
VITALITY

MASTER ELECTRIC CO.

SUCCESSORS TO

VIOLET RAY CORPORATION
CHICAGO

VIRACOR
PRODUCTS
CHICAGO, ILL., U.S.A.

Instruction Book

for operating the

VIRACOR

HIGH FREQUENCY VIOLET RAY GENERATOR

IN order to obtain the greatest possible benefit from the use of the VIRACOR, a careful study of the following pages is recommended. In addition to complete instructions, many suggestions for the user are to be found.

VIRACOR
PRODUCTS
CHICAGO, ILL. U.S.A.
TRADE MARK REGISTERED

MASTER ELECTRIC CO.

SUCCESSORS TO

VIOLET RAY CORPORATION
CHICAGO

Printed in U. S. A.

THERE is a very well founded theory, that an extremely close relationship exists, between the electrical spark, and the well known "Spark of Life." While the exact relationship is not actually known, numerous experiments and continued laboratory research have proven that electricity, properly controlled and applied to the body by certain means, will give stimulus to the vital organs and help them create a barrier of resistance to the inroads of age, and disease and check loss of vitality.

Controlled Electricity

Controlled electricity is the most modern means of aiding Mother Nature in her wonderful work of renewing health, easing pain and attacking the ravages of disease.

The VIRACOR H.F.1 High Frequency Violet Ray Generator is the final answer to many difficult experiments and long scientific study and research to find the best method of applying controlled electricity for this purpose.

With this wonderful machine, you can aid Nature in your own home. No special experience or knowledge of electricity is necessary. It is simple to operate and easy to handle. You just follow the directions, which come with each machine, and are given in plain non-technical language.

What the Viracor H. F. 1 Does

In the High Frequency Violet Ray the electrical oscillations are of so great a speed that there is only a pleasing warm sensation, no shock or other disagreeable feeling. The Ray is highly invigorating and a great benefit to the entire human body. Through the specially vacummed glass electrodes, heat and ozone are generated and the electrical energy sent deeply into the body reaching every cell and tissue. The action of these three elements are positive and are a sure method of relieving pain and building up of depleted nerves and weak or sluggish organs.

The viracor H.F.1 High Frequency Violet Ray by its deep penetrating qualities, goes far into the tissues and revitalizes the blood thru cellular massage, thus increasing

circulation, causing a warm flow of revitalized blood to surge thru the body dispelling fatigue, relieving pain and attacking the disease germs which are present in everyone's body. When it is applied to any portion of the body, no pain or any but the most pleasing and soothing sensation is felt.

Not Only For the Sick

The Violet Ray is not to be thought of only as an aid to the sick or injured, but even though you are perfectly well and healthy it will act as a check on reduced vitality and prevent illness and keep you in perfect health.

Use it for the sick or well, men or women, boys or girls, infants or the aged, with the feeling of safety and the assurance that only good can come from its use.

High Frequency Violet Ray treatments and massage are endorsed, prescribed and used by Doctors, Hospitals, Sanitariums, and Beauty and Hair Specialists.

As a Germicide

The VIRACOR H.F.1 has a germicidal action because it generates Ozone. Therefore, frequent application will greatly help to ward off disease and infection and generally tone up the entire system.

For Beauty and Rest

A few minutes a day with the VIRACOR H. F. 1, combined with your favorite facial cream, will keep the skin soft and smooth, and prevent premature wrinkles. The cheeks will have that youthful, healthy glow so much to be desired.

If at the end of the day you have that tired and fagged out feeling, use your VIRACOR H.F.1 for a few minutes, and you will be refreshed for an evening of pleasure and contentment with your family, friends, or a book.

Beneficial and Harmless

There is no need to be afraid of this wonderful Ray, it cannot harm you, merely follow the general directions, and the more you use your VIRACOR, the more you will realize the great value and benefits you will derive from its use. Study your own self, and you will find more and more use for your VIRACOR, and soon realize what a wonderful aid to the human race controlled electricity is, when used by means of the VIRACOR H.F.1.

Some of the most important benefits which your VIRACOR will bring you are increased blood circulation, normalized metabolism, soothed nerves, stimulated glandular activity, restored energy, improved digestion, restful sleep, and a general revitalization of the entire system. All this can be accomplished if you will consistently and intelligently use your VIRACOR.

While we do not maintain that the VIRACOR is a "cure-all," we do maintain that the High Frequency Rays which it generates is a wonderful aid in greatly relieving and shortening the duration of pain and disease if used consistently, soon proving, what a boon to humanity it is. The use of High Frequency

Electrical Current is a great benefit to all living matter, it builds up the forces of nutrition and general health, giving that much required "vim and vigor" which is so vital, to be able to cope with the swift progress of life today.

Aids the Work of Nerve Centers

The Spinal Cord is an extension of and is directly connected to the brain. It is encased in the sectional bone structure called the spinal column or the spine. The spinal cord is the main nerve of the body and from it, branch nerves go to each and every part of the body and its many organs. The nerve network may be compared to an electrical system and just as any trouble on the electrical system is recorded in some manner on the meters of the power houses, any trouble in the body is recorded in the meter of the body, the brain. This recording of trouble is called pain and designates the place where the ailment is located, warning the body that some organ of the body is not functioning properly.

Pain or tenderness at any point along the spine indicates that the organ affected or controlled by that particular nerve branch requires attention. Both the spine and the affected organ should be treated. In most cases, the use of the High Frequency Violet Ray treatments, show exceptional results. The Violet Ray stimulates these nerve centers and the stimulation sent thru the branch nerve track to the affected organ—increasing its activity and causing it to regain its normal tone and resume its duties. When this is accomplished the body is freed from the pain and distress caused by that particular ailment.

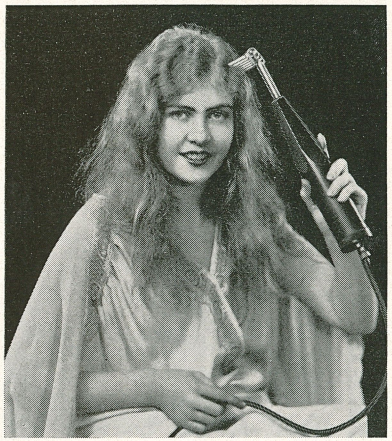
About the Treatments

The treatments listed, are just a few tried and tested by physicians and clinics and have proven very beneficial, showing exceptionally good results. After using the Viracor H.F.1 for a while you will develop methods and a technique suitable to your own particular liking.

The treatments need not be of long duration. Three to fifteen minutes treatment at frequent intervals are the most effective.

Under no circumstances should you give any treatment of an orifical nature without first consulting a reputable physician who will give you the proper directions or will treat you himself, and should not be of more than five minutes duration.

Many of the treatments listed are for the aid of the numerous physicians using our products.



Read the "General Instructions" and the "Donts" listed on pages 14 and 15.

While not every case can be entirely cured by the use of the VIRACOR H.F.1 Violet Ray alone, yet practically any ailment can be very materially aided by the use of the VIRACOR Violet Ray as an aid to medical treatment, and many cases can be cured by Violet Ray after medicines have failed.

Suggested Treatments

ALOPECIA or FALLING HAIR—Use Electrode No. 3, mild current at first, increasing with treatments. Pass the comb over the scalp for five minutes each day. It is suggested that a hot oil treatment be used in connection. The same treatment for baldness and restoration of grey hair to natural color.

ACNE (PIMPLES and BLACKHEADS)—Use Electrode No. 1. Treat entire surface of affected parts for about five minutes. If skin is damp either apply talcum powder or treat through a handkerchief. During period of treatments watch your diet and avoid rich and greasy food. Take a mild laxative.

ABSCESS—Use Electrode No. 1, keep in close contact with skin, using enough current to get full benefit of heat and ozone generated. Treatment three to five minutes once or twice a day.

ANEMIA—Use Electrode No. 1. Treatment eight to ten minutes daily Treating over entire spine, chest, abdomen and back. Use the Ozone Generator No. 28 in connection.

ASTHMA—Apply Surface Electrode or Condenser No. 2 over the chest and throat, treating for about five minutes, following with treatment of Ozone Generator Electrode No. 28.

BACKACHE — Use Electrode No. 1 over sore part of the back for about five minutes, using rather a strong current. (Backache may be caused by weakness or disease of some internal organ, and it is suggested that a Physician be seen).

BARBER'S ITCH — After cleansing the infected area with a mild antiseptic wash, treat with surface Electrode No. 1 in close contact with skin, followed by short sparks for about a minute. Continued treatment is usually required as this condition is a most stubborn one.

BLADDER TROUBLE (Cystitis)—With the use of Electrode No. 25 and urethral Electrode No. 21 remarkable results have been obtained. Treatment five minutes daily, using a good antiseptic lubricant on the electrode.

BRONCHITIS—Treat the same as for Asthma.

BRAIN FAG—Use Electrode No. 1 over the forehead, eyes and back of neck and head with a spark just strong enough to cause a good tonic reaction, followed by two or three minute treatment with Ozone Generator No. 28.

BREAST DEVELOPMENT (Flabby or drooping Breasts)—Use Electrode No. 1 from five to eight minutes daily. Cover breast with cocoa-butter, then move your VIRACOR lightly over each side from the neck downward and also from armpit to armpit under each breast, pressing lightly upward. Treat 10 minutes daily. Remarkable results may be expected.

BRUISES—Use Electrode No. 1 over affected area, five to ten minutes starting with medium and ending with a strong current. Use an ointment in connection.

BOILS—Treat the same as for acne.

BURNS—Apply Electrode No. 1 in close contact with burned area, using a mild current for a short period, two or three time daily. Use a good ointment in connection.

CARBUNCLE—Use Electrode No. 5 in loose contact with inflamed area about five to ten minutes daily.

CATARRH (Nasal)—Use Electrode No. 1 over external area for five minutes on each side, followed by treatment with Ozone Generator No. 28.

CATARRH OF WOMB—Use vaginal Electrode No. 24 or 26, five minutes daily. Use a good lubricant. Mild current.

CHILBLAINS—Use Electrode No. 4. Wash feet thoroughly in warm water, thoroughly dry, apply carbolated vaseline, treatment about ten minutes on each foot.

COLD HANDS or FEET—Use Electrode No. 2 or 4, from five to ten minutes two or three times daily. Use strong current.

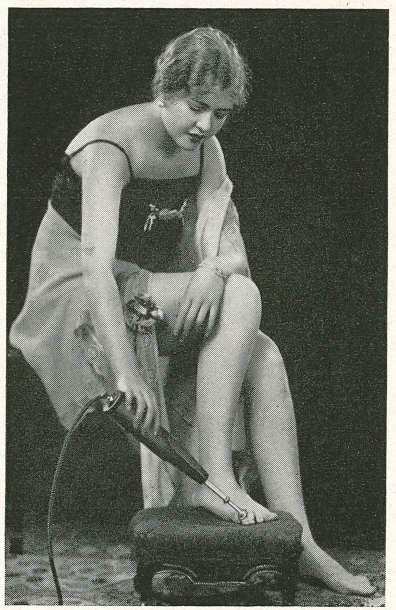
COLD IN HEAD—Same treatment ar for nasal catarrh.

COLD IN LUNGS—Same treatment as for asthma.

CONSTIPATION—Use Electrode No. 1, massage the entire abdominal region at first directly in contact with the skin, later followed by a short spark over the same area. Ten minutes daily at first, ten two or three times a week. In particularly stubborn cases the use of rectal Electrode No. 17 properly lubricated, three to five minutes.

CORNS—Use Fulguration Electrode No. 25 for 10 to 25 seconds daily. Care should be used to apply spark on the hard tissue only and not on the surrounding area, then Electrode No. 18 for three minutes.

DANDRUFF—Hot oil shampoo before starting treatments. Use Electrode No. 3, the same as a comb, treating three to five minutes every two or three days (do not use in connection with hair tonic containing alcohol).



DEAFNESS, EARACHE, ETC.—Apply ear Electrode No. 11 about three minutes daily, followed by use of electrode No. 1 in back of the Ear and over side of face.

DIABETES — Use Electrode No. 1 or 2 over the abdomen and spine through a thin cloth or towel, apply strong current about ten minutes daily. Complete results should not be expected for several months. Diet must be observed, and it is suggested that you consult a competent physician.

DYSPEPSIA — Use Electrode No. 1 or 2 over the stomach and entire abdominal region, using a strong current for about ten minutes daily.

ECZEMA—Use Electrode No. 1 or No. 4. A handkerchief laid over the surface will cause a spark and is preferable. If the skin itches hold the electrode slightly away from the skin. This will both relieve and gratify. Excellent results have been obtained by giving the patient as much current as can be endured comfortably.

EYE DISEASES—Iritis, retinitis, strophy of optic nerve, conjunctivitis, trachoma, glaucoma, incipient cataract, paralysis of ocular muscles, intro-ocular hemorrhage have all been greatly aided by high frequency currents. Close eyelids and apply a mild current. Use Electrode No. 5 or No. 7 for short periods, not exceeding three minutes every other day.

ENTERITIS—Give tonic applications with Electrode No. 1 over the area of the abdomen. Fifteen minutes of treatments daily. In chronic cases, excellent results can be obtained by giving treatment twice daily with the condenser Electrode No. 2.

EROSIONS OF THE CERVIX UTERI—Use Vaginal Electrode No. 24. Excellent results have been obtained. Bring tube in contact with the Cervix, giving ten minutes daily, using antiseptic lubricant on the Electrode.

FELONS—Treat with No. 5 Electrode and a mild current in close contact daily from four to six minutes.

FEMALE TROUBLES — Use Electrode Nos. 15, 24 or 26. Using an anticeptic lubricant before insertion. Turn the current on after insertion of electrode and turn the current off before removing to avoid unnecessary sparking. A medium current for five minutes is applied. Repeat treatment as circumstances require. During menstruation an excessive flow of blood may result, as high frequency currents draw the blood.

FRECKLES—Cover surface with gauze and treat daily with a medium current of from five to ten minutes' duration. Results are quite apt to be very slow and patience is required. Use a good facial cream in connection.

FROST BITES—Treat affected part with No. 1 Electrode, using instructions outlined for the treatment of chilblains may also be adapted to the treatment of this ailment.

GOITRE—The absorption of tissue being necessary persistance is required. Treat with external throat Electrode No. 4 in close contact with the skin and follow with moderately sharp spark over the surface and sides of the protuberance. Ten minutes daily.

GOUT—Use Electrode No. 1 or No. 4. This condition may be helped by a continued massage over the area with a mild current. If pain is felt at first begin with short treatment and increase. Apply spinal Electrode No. 6 to the spine to stimulate the system. Then gently massage with Electrode No. 1 or No. 4 to the painful region with a medium current, keeping the electrode in contact with the skin. Pain may be noticed at first, but results are certain if treatment is continued. Do not treat during acute attack.

GRIPPE (Influenza) — Treat spine, solar plexus, over eyes and sides of nose. using Electrode No. 1, No. 5 and No. 6. Then breathing through Ozone Generator No. 28 gives almost immediate relief. Follow with treatments over side of nose, and in some cases with Nasal Electrode No. 19 internally. Treatment five to ten minutes.

GONORRHEA — GLEET — In sub-acute or chronic forms, marked beneficial results have been obtained by the use of the urethral No. 21 or vaginal No. 24 Electrodes. Apply any antiseptic lubricant on tubes before inserting. Give seven minute treatments daily.

HAY FEVER—Apply Electrode No. 1 or No. 5 over the nose and No. 6 on the spine. Treatment must be of short duration but frequently repeated. Use the Ozone Generator No. 28 freely, it being advisable to Ozonate the entire room with it. For best results treatments should begin two or three weeks before period of attack.

HEADACHES—Use Electrode No. 1 and No. 5 or No. 7. Headaches are from varying causes. If relief is not had from applying to the seat of pain, treat the spine and stomach area. Keep the Electrode in loose contact and prolong the treatment until relief takes place, which usually takes from five to ten minutes.

HIVES AND RASH—Use Electrode No. 1 with medium current strength over the affected area. Use a good ointment before applying the electrode; three to five minutes. Treat daily.

HEMORRHOIDS (Piles) — Use Electrode No. 23 with mild current for about five minutes, care being observed that the electrode is properly lubricated and that current is not turned on until after insertion.

HERPES—Zoster—Use Condenser Electrode No. 2 in the erupted area. Three to five treatments are usually sufficient. Ten minutes daily.

INFLUENZA—Use Electrode No. 1 and No. 6. Treat the spine and solar plexus. Also over the eyes and the sides of the nose. Treatments to the spine are made through a towel for five minutes. Also use Ozone Generator No. 28 freely.

INSOMNIA—Use Electrodes No. 1 and No. 4. Cover back of head, neck, spine and over the eyebrows. Use a strong current five minutes daily before retuiring.

LARYNGITIS—Use Electrode No. 4. Either loose contact or mild spark will greatly aid in treatment of this nature. Ozone inhalations are advisable and most beneficial.

LEUCORRHEA—Follow the directions given under female troubles. Also use Electrode No. 6, moving it up and down the spine slowly. A strong current must be used for about five to six minutes daily. Then use vaginal Electrodes No. 24 or 26, lubricating well before inserting. Use a medium current for five minutes and repeat as circumstances require. Current should be turned on after insertion of electrode. Use antiseptic douches in connection.

LUMBAGO—Use Electrodes No. 1 or No. 4. Treat over painful area until all pain is dispelled. Use as strong a current as can be tolerated. Apply the current through the clothing with as strong a current as can be tolerated. Repeat treatment twice daily, until pain is much relieved. Keep the electrode moving and give long treatment about 15 minutes.

MUMPS—Use Electrode No. 1. Treat the swollen parts with a medium current, keeping it in contact for about five to eight minutes. Repeat as necessary, once or twice daily.

NERVOUSNESS—Use Electrodes No. 1, No. 4 or No. 6. Treat the spine, back of head and neck with a mild current. Immediate relief may be expected. Use a weak current at first and increase the strength gradually; five to eight minutes of treatment once or twice daily.

NEURALGIA—Use Electrode No. 1. Apply to seat of pain, after applying lubricant, raising electrode occasionally to produce spark. Pass back and forth in light contact with the skin, giving ten minute treatments.

NEURITIS—Use Electrode No. 1 or No. 4. The first few treatments usually increase the pain, after which relief is felt, and the current may be increased and a short spark given. Several treatments a day are advisable. Use light current at first, and gradually increase same. Apply locally or to entire body, depending upon the condition. Five minute treatments.

OBESITY—Use Electrode No. 1 or No. 2. Apply to affected parts consistently. Begin with a medium current and increase to full power. Rigorous diet, exercise and personal hygiene must, of course, be observed. Fats will be consumed by increase of oxidation. Treatment 15 minutes twice daily.

PARALYSIS—Use Electrodes No. 1 or No. 2. Treat paralyzed muscles, employing a current strong enough to produce a half or three-quarter inch spark. Part of the time keep the applicator in contact with the skin and part of the time raise it above the surface to get effective spark. Treat as directed by physician.

PROSTATIC DISEASES—Use Electrode No. 22. Oraficaly and electrode No. 1 or 6 on spinal area. This most distressing ailment, common to so many men of middle age, is one in which the high frequency current is almost a specific.

Medical authorities agree that more than 60% of all men past middle age (many much younger) are afflicted with a disorder of the prostate gland. Aches in feet, legs and back, sciatic pains, and impotence are some of the signs. No man should approach the prime of life content to regard these pains and conditions as inevitable signs of approaching age. The VIRACOR may be used to restore youthful health and vigor and to restore the prostate gland to its proper functioning.

In treating the Prostate through the rectum place the patient on one side in the Sims' position with the knees well drawn up. Electrode No. 22 well lubricated, is then inserted in the rectum about six inches with the depression in the tube turned toward the front or anterior wall of the rectum so the gland rests into depression for best results. In Prostatic diseases of all kinds the High Frequency current has proven most efficacious. The duration of each treatment is three to five minutes. Extraordinary results are accomplished in all of Prostatic diseases. Enlarged Prostate should show improvement from the very first—about two to three treatments a week. Treatment by or under direction of a physician is advised. Same treatment for Senile hypertrophy, impotance, etc. Two or three treatments a week then skip a month.

PLEURISY—Use condenser Electrode No. 2 over the front and back of the chest until a marked reddening of the skin indicates a counter irritation. Two or three daily treatments are necessary in acute cases and one daily in chronic cases. Duration 5 to 10 minutes.

RHEUMATISM—Use Electrode No. 1, No. 2 or No. 4. High Frequency currents are of exceptional value in muscular and in chronic articular rheumatism. The pain will be relieved by application of High Frequency massage, using lubricant, if necessary. Follow with fairly strong spark until pronounced redness is produced. This treatment persistently followed has in many cases resulted in a cure. While some relief may be obtained in one treatment, but permanent cure requires much time and patience. Treatment 10 to 15 minutes daily.

RINGWORM—Use Electrode No. 1 and apply short sparks. A medium current is sufficient. Move the electrode so as to cover the entire affected area. Treat two or three times a day, then skip a day.

SCARS—If the tissue is hardened or callous its removal may be facilitated by the application of a mild spark through Electrode No. 25, three to five seconds. Then use Electrode No. 1, by which a softening effect can be produced, treating same five to seven minutes daily. Many treatments are usually required.

SKIN DISEASES—Use Electrode No. 1. Treat over the affected tissues with electrode held in close contact for from five to fifteen minutes. Follow by moderate spark three to five minutes. Treat once daily. If the skin is damp use talcum powder so that electrode will not stick. See treatment for Acne and Eczema.

SORE FEET AND STONE BRUISES—Use Electrode No. 4. Applications in close contact with the skin brings quick relief. Use lubricant and treat for five to ten minutes daily.

SORE THROAT (Tonsilitis—Use Electrode No. 4. Hold directly against the skin with fairly strong current. The use of the Ozone Generator No. 28 with mouth applicator for several minutes following will be of great benefit.

SPRAINS—Use Electrode No. 1 or No. 4. The pain and soreness following a sprain may be alleviated by treatment first with the electrode in contact with the skin and later by a mild spark, gradually increasing in strength until a hyperemia is produced.

STIFFNESS OF JOINTS AND MUSCLES—Use Electrode No. 1 or No. 4. This condition is generally due to the over-employment of certain muscles. The resulting stiffness and soreness may be relieved, using the same method as explained in Neuritis.

TUBERCULOSIS—In the incipient type of tuberculosis, exceedingly good results can be obtained and tubercule bacilli reduced by the use of the Ozone generator No. 28, filling same with one-half dram of oil of eucalyptol, and one dram of oil of pine, ten minims of beechwood creosote, using the same morning and night. Use Electrode No. 1 over the area of the chest, this will also be found beneficial, using same ten minutes daily.

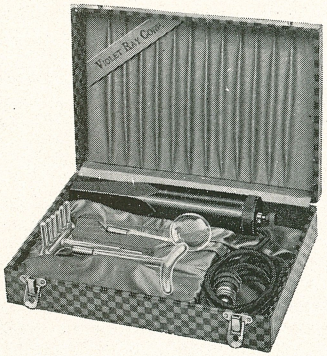
WARTS AND MOLES—Use Electrode No. 25. These disfigurements, no matter of how long standing, may be successfully treated by the application of a spark. The greatest care must be exercised that these sparks do not come in contact with the surrounding tissues. Permanent results may be expected, and the most disfiguring warts or moles removed by these means.

WHOOPING COUGH—Treat same as Asthma.

STIFF NECK—TORTICOLLIS—Use Electrode No. 1 or No. 2 over the area of the neck and down the spine daily for ten minutes, relief can be effected.

WRINKLES—Are commonly caused by using a given set of facial muscles more than normally. They can be removed by applying Electrode No. 1 or No. 5 with a rotary, massaging movement.

The VIRACOR H. F. 1 Generator



Made of the finest materials obtainable scientifically designed, expertly manufactured and carefully assembled.

It is pleasing to the eye, easy to handle, safe and simple to operate.

EQUIPMENT:

8 feet of Art Silk Cord and Bakelite plug, attached, ready to plug into your light socket or base board receptacle. 3 glass treatment electrodes.

No. 1—General utility electrode, for use on head, face, or body.

No. 3—Comb type electrode, for use on scalp or spine.

No. 4—Throat electrode, for use on throat, arms, limbs and other curved parts of the body.

Comes packed in a beautiful Lacquered Leatherette covered case, lined with royal purple Art Satin. Has neat compartments for storing the electrodes and instruments.

Price Complete—$12.50

Equipped for standard current (105 to 120 volts A.C. or D.C.) (Can be supplied for other voltages at a small advance in price.)

The cost of operating the Viracor H.F.1 Violet Ray Generator is negligible as the electric current consumed amounts to less than one cent per hour.

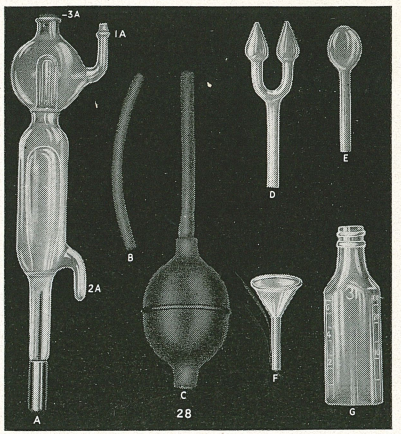
General Instructions as to Use and Care of Instrument

1. See that Knob is turned to OFF position. (Turn gently to left as far as possible.)
2. Insert Glass Electrode in holder at small end of the instruments, and see that the Electrode is approximately body temperature.
3. Place Plug in receptacle or socket and turn on current.
4. Turn knob to right until a mild current is flowing through the Glass Electrode.
5. Apply and withdraw Electrode with a quick movement direct to part of body to be treated. (This will prevent the patient from feeling the discharge which occurs when the Electrode is brought in contact with or withdrawn from the body.)
6. Increase flow of the High Frequency Ray to proper strength by turning knob to the right.
7. Follow instructions as given in the book.
8. All Electrodes for internal (orificial) treatments should be thoroughly lubricated with vaseline or other lubricant, and after insertion should be kept constantly in motion to prevent the glass electrode from sticking to the membranes. Turn current on *after* inserting of Electrode.
9. Under no circumstance should internal (orificial) treatments be taken or given without first consulting a physician and have him either give the treatment or demonstrate the exact course you should follow. This also applies to any serious disease, infection or any acute condition. (A number of the treatments described are given for the use of the physician only).
10. When treatment is completed turn the knob to OFF position (to the left), remove plug from socket or receptacle, clean and sterilize electrode and return electrode and instrument to the case.
11. It is not the purpose of the VIRACOR High Frequency Violet Ray Generator to supplant the services and attention of a competent physician, but is to be used in conjunction with and in many cases under his supervision and direction.
12. If treatment is of more than 15 minutes' duration, treat for 15 minutes and then allow the generator to cool off for 10 minutes before continuing the treatment.

DONT'S

1. DON'T use instrument near a radiator in the bathroom, with wet hands, or in connection with a liniment, tonic or other medicant containing alcohol, or other highly inflamable ingredients.
2. DON'T make contact with the glass electrode on a metal surface while the current is turned on.
3. DON'T twist or kink the cord.
4. DON'T wait until the cord is entirely worn out, have it repaired when it shows signs of wear.
5. DON'T attempt to repair the instrument yourself. Should it become out of order, send it back to the factory prepaid. A small charge will be made for repairs and adjustments *after* the guarantee has expired.
6. DON'T fail to have glass electrode well lubricated when giving internal (orificial) treatments.
7. DON'T try to be your own physician. If you have an acute or exceptionally infectious disease or ailment, see your physician and he will prescribe for you, and very likely advise you as to how to use your VIRACOR to the best advantage in your particular case.

Ozone Generator



This Electrode is designed for direct medication and treatment of nasal and throat ailments. It generates large quantities of ozone. A very faint blueish vapor, composed mainly of oxygen, a gas in which few germs can live. This gas is formed by passing high frequency electricity thru the air and in its self, is very beneficial. Together with the inhalant exceptional results may be obtained in cases of Catarrh—Asthma—Hay Fever—Bronchitis—Influenza and in fact almost any condition affecting the respiritory organs. The vapor reaches every cell destroying germs and soothing the inflamed tissues.

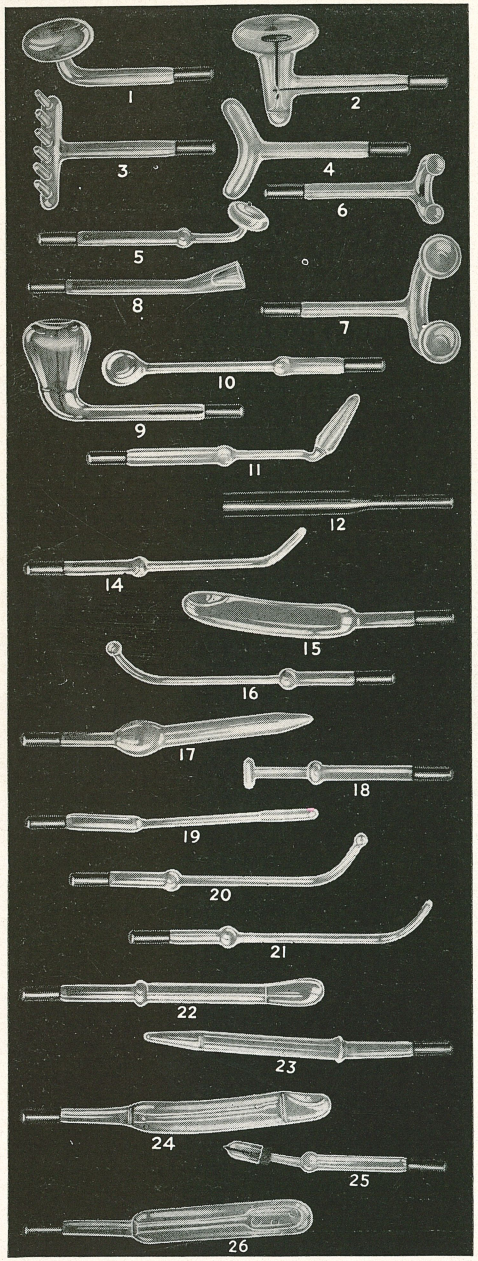
Attach glass Nasal (D) or Mouth Applicator (E) to rubber hose (B) then attach other end of rubber hose to part designated as No. 1A then attach rubber bulb (C) to part designated as No. 2A, then remove the cork No. 3A, and using the glass funnel (F) fill the chamber (1/5) one-fifth full of inhalant (G) replace the cork and then insert the generator (A) into your VIRACOR H.F.1 Violet Ray machine. Then the current is turned on. The left hand is then put around the H.F.1 Generator while the other hand actuates the pressure blub at convenience. The nostrils are placed over or right against the nose-piece and the ozone is forced down through the nose into the lungs by pressing the bulb. The inhaling of the ozone should be deep and the air completely exhaled before taking another breath. Inhalation may also be made through the mouth by changing the nose-piece for the mouth-piece.

The inhalant solution contained in the upper chamber of the generator washes the ozone as it bubbles through it, allowing particles of it to be carried along in the form of vapor. This inhalant solution is a splendid combination of oils which have a soothing effect upon the membranes and grealy assists in healing.

No. 28—Ozone Generator comes equipped with the Generator Electrode, Glass Nasal attachment; glass mouth attachment; glass funnel; rubber connecting hose; rubber pressure bulb and a one ounce bottle of specially prepared inhalant.

COMPLETE $12.50

VIRACOR ELECTRODES



The VIRACOR Glass Electrodes are made from the finest, specially made glass and are specially annealed and vacuumed—scientifically shaped by expert glass blowers.

No. 1—General Surface type Electrode.....$1.00
For facial massage and general body treatment. Is supplied with all VIRACOR High Frequency Generators.

No. 2—Condenser Electrode...$3.00
Gives an exceptionally strong current. Used for deep seated ailments such as rheumatism or lumbago.

No. 3—Comb or Rake Electrode.....$2.00
For scalp and hair treatments and may be used on the spine.

No. 4—External Throat Electrode.....$1.00
For throat or other curved parts of the body.

No. 5—Single Eye Electrode...$1.25

No. 6—Spinal Electrode.....$1.50
For all spinal treatments.

No. 7—Double Eye Electrode..$2.00

No. 8—Small Cataphoric Electrode.....$2.25
Has small indentation to hold cotton and liniment.

No. 9—Large Cataphoric Electrode.....$4.00
Has place for cotton and liniment for lumbago, rheumatism, sprains and wherever a liniment is used.

No. 10—Spatula or Tongue Electrode.....$2.00

No. 11—Insulated Ear Electrode.....$2.25
For ear troubles of all kinds.

No. 12—Special Metal Electrode.....$1.25
Delivers a very strong current and used for indirect treatments.

No. 14—Urethal Electrode....$1.00

No. 15—Plain Vaginal Electrode.....$1.00

No. 16—Plain Internal Throat Electrode.....$1.00

No. 17—Plain Rectal Electrode.....$1.00

No. 18—Corn Electrode.....$1.25

No. 19—Insulated Nasal Electrode.....$2.00

No. 20—Insulated Internal Throat Electrode.....$2.00

No. 21—Insulated Urethal Electrode.....$2.00

No. 22—Insulated Prostatic Electrode.....$2.00

No. 23—Insulated Rectal Electrode.....$2.00

No. 24—Insulated Vaginal Electrode.....$3.00

No. 25—Cantery Electrode....$2.00
For removal of warts, moles and other growths.

No. 26—Special Perforated and Insulated Vaginal Electrode.....$3.00
Used for ovaritis, leucorrhea, vaginitis and all inflamed conditions of the vaginia. Also as a mild germicide. The perferations allow the ozone to be generated and liberated.

Guarantee

ALL VIRACOR PRODUCTS are guaranteed for a period of one year against electrical, mechanical, and material defects, providing ordinary care is taken in their use and handling (Glass electrodes, electric cord and plugs excluded).

VIOLET RAY CORPORATION
CHICAGO

The Master Electric Co.

2309 Archer Avenue
CHICAGO, ILL.

OL's # 808
RL7 155

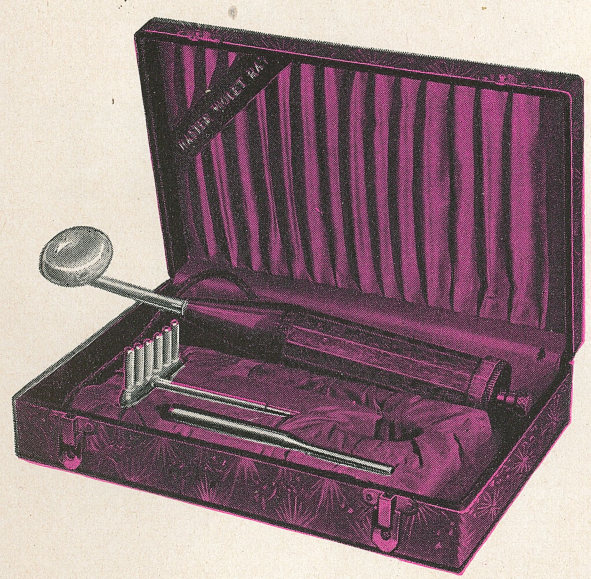
The Master VIOLET RAY

High Frequency

VIOLET RAYS

High Frequency

With Beauty Appeal



INTRODUCING a new line of Violet Ray Machines that, in addition to their highly regarded and unquestioned therapeutic value, have a beauty appeal in every line of their new design.

Molded from Bakelite in a harmonious blend of jade green and ebony black, these new MASTER machines have an angular surface that prevents slipping while in use and does away with the danger of rolling off the table or dresser. Never before has a Violet Ray Machine achieved such a handsome and striking symmetry. The carrying cases, too, have been improved in appearance to further the color scheme. Another important improvement of the carrying case is the coiling of the cord which prevents knotting and breaking.

These new green and black housings are now supplied on all Master one-piece machines: the No. 9, No. 2B, No. 15 and No. 17 Violet Rays.

Listed as Standard by Underwriters' Laboratories

The Violet Ray

High Frequency

ONE of the most remarkable developments of the wonderful science of electricity is that of the Violet Ray machine or high frequency generator. The Violet Ray may be said to be a diffusion of an electrical current of tremendous power and resistance, into millions of tiny harmless units which can be applied to the tenderest and most delicate parts of the body without the slightest harm. As applied to the human body, its results have been found to be of enormous benefit in innumerable instances.

Causes of Human Ailments

All human ailments, with the exception of certain highly contagious and infectious diseases, can be traced to faulty circulation and impure blood. When exercise is taken as a matter of course and sound sleep and appetite are natural, weakness and disease seldom develop for the reason that the blood is adequately supplied in its richest state to every part of the body, thereby nourishing every organ and muscle and providing adequate protection against any tendency to weakness. As persons grow older, however, there is a tendency to forsake physical exercise and to retire to a quieter and more secluded mode of living. The circulation suffers accordingly, and instead of being driven to every part of the body in its richest state, a portion collects in the internal areas and becomes stagnant because of the impurities thrown off by the body. These impurities are absorbed by the tissues and a condition of self poison results, as a consequence of which the body begins to deteriorate, the digestive organs fail to function properly, the internal organs become sluggish and weak, and weaknesses develop which are peculiar to men or women. This weakened condition of the blood and vital organs leaves the human body easily susceptible to any disease to which it may become exposed.

Counteracting These Causes by the Use of the Violet Ray

The Violet Ray has provided the means of bringing to every home, at a reasonable price, a method whereby every vital process can be quickened and the blood made to course through the body with renewed vigor. If necessary, the treatment can be concentrated on any organ, muscle or nerve, however delicate or tender, and the same results secured. By this treatment the impurities are washed from the affected organs by a rich, warm flow of blood which nourishes and stimulates the tissues and which is generated by the penetrating current of the Violet Ray, reaching the cells which supply life to the tissue, and causing them to vibrate. The stagnant pools of blood are thus set in motion and the poisons contained therein are relieved of by the purifying processes of nature. The blood thus being freed of poisons is able to take up oxygen from the lungs and nutrition from the digestive organs and returns laden with tissue-building material to every part of the body. In this way new tissue is

Refer to Page 30 for Directions.

formed to replace that destroyed by disease and carried away in the blood stream. This process of stimulation is called a "cellular massage" because of the fact that the vibration or contractile effect is expanded upon the individual cells making up the tissue, rather than on individual muscles. This is an important reason why the high frequency current produces such marked effect on nutrition and general health. Cellular massage is much more penetrating and beneficial than muscular massage as produced by mechanical vibration.

Application of the Ray

The Master Violet Ray is applied through vacuum applicators or electrodes made of annealed glass. The electrodes diffuse the electrical current in sprays of a beautiful, deep violet color. These sprays vibrate to and fro thousands of times per second. This rapid vibration is what produces the pleasing, invigorating and corrective effect derived from Violet Ray treatments and described as cellular massage. A few minutes application each day, simply holding the applicator in the hand, furnishes a tonic to the system which does much to fight disease and keep the body in a healthy state. Inasmuch as prevention is to be desired a thousandfold rather than a cure, this point alone makes the Master Violet Ray indispensable in your home.

The Violet Ray, while introducing all of the tremendous power of electrical energy into the body, does so without the slightest pain, shock or contraction of muscles. Its application, on the contrary, produces a pleasing sensation, and the amazing results of the Violet Ray treatment have caused it to be accepted by physicians throughout the country as part of their equipment. The machine is ready for use by simply connecting it to any convenient light socket. The Master Violet Ray is the essence of simplicity and can be operated by a child with the utmost safety.

Methods of Applying the Violet Ray

Three distinct methods of application are in general use, according to the conditions present and the results desired.

First: LOCAL APPLICATIONS

Given with specific surface or orificial applicators made for that purpose.
A beneficial warmth is induced by the action of the Violet Ray, the capillaries

of the skin are stimulated during the application and for some time thereafter. Any local application with a vacuum electrode is an effective antiseptic, largely on account of the ozone generated.

One of the greatest benefits of the Violet Ray is the fact that it can be used with such excellent results in local conditions. When the Master Violet Ray is applied to any part of the body, it gives to a certain extent a general treatment by stimulating the circulation. In treating local conditions, these results are greatly increased by giving a local treatment to the part affected. Suppose one is afflicted with rheumatic pain in the shoulder, you apply the Violet Ray treatment to the painful part. The result noted, will be an immediate sensation of warmth. After a slight treatment it will be noticed that the part treated has become slightly reddened by the blood that is sent in response to stimulation secured from the treatment

These local treatments can be given to any part of the body with very good results. They produce the desired results at the treated part quickly and also benefit to a remarkable degree the entire system. The body is penetrated by radiant atomized electricity, restoring energy and vitality to the entire system.

Second: GENERAL APPLICATIONS

Taken as electrification treatment for the effect on the general condition. The entire body is saturated with electrical energy by simply holding the electrodes in the hands. This produces a sedative or quieting effect.

Violet Ray High Frequency Currents have the tendency to establish a normal equilibrium of the entire nervous system. Arterial tension during a general treatment usually increases slightly while it falls a short time afterward. General treatments are recommended in all nervous disorders and diseases.

Third: INDIRECT APPLICATIONS

Combines local and general treatments and requires two people. The party to be treated holds the electrode firmly in the hand. A second party then may draw with either hand, finger-tips, or another electrode, the high frequency current to the desired spot of the patient's body.

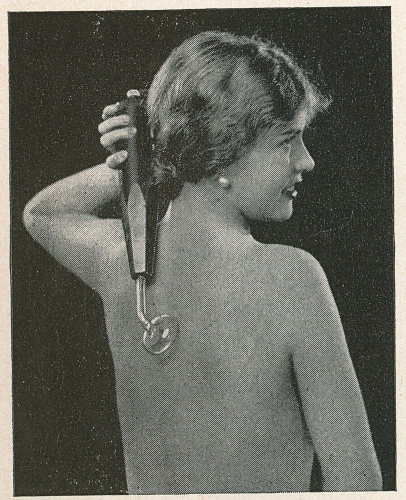
Selective Effects Obtainable

A: AS A SEDATIVE

A sedative, quieting or soothing effect can be obtained and is of great benefit in all nervous ailments. This effect can be produced locally by keeping the electrode in close

Refer to Page 30 for Directions.

contact with the part to be treated. Painful sensations can be relieved, irritated nerves tranquilized and soothed. Nervous disorders are quickly and beneficially influenced by a sedative treatment.



B: AS A STIMULANT AND TONIC

A stimulating effect is produced when the electrode is lifted somewhat during the application or used through the clothing or a cloth which has been put over the part to be treated. The length of the stimulating sparks depends on the thickness of the clothing or cloth placed between the electrode and the body. Uniformity in spark length is insured by the cloth. This stimulation is caused by the many small sparks generally called High Frequency Spray. They cause a pleasant and tingling sensation and bombard thoroughly the area which they cover, resulting in a very beneficial heating effect. They also generate ozone which is directly driven into the tissue, causing the ozonation of the blood. These sparks are germ-killing and overcome infection.

Stimulating treatments through clothing are very beneficial in rheumatism, lumbago, and partial paralysis. Skin disorders, where the circulation is impaired, are often greatly benefited by a slight stimulation. A single layer of a handkerchief produces enough resistance in such cases. An ordinary towel is best to use in chronic rheumatism and similar affections.

Loss of weight, lack of appetite, general weakness, lassitude and similar conditions as a rule indicatae Anemia or impoverished blood and poor circulation, commonly called a run down condition.

The Master Violet Ray primarily increases the blood circulation. It does what the worn out, run down body cannot do naturally. Disease germs are, therefore, fought and consumed, poisons are dissolved and carried away.

C: AS AN INTERNAL ANTISEPTIC

Wherever the Violet Ray comes in contact with the oxygen in the air it changes a part of that oxygen into what is known as ozone, a concentrated form of oxygen that is a great many times more active than that in the air. Oxygen in the blood has the remarkable quality of burning up dead or diseased cells without burning up those that are healthy, and it is the only antiseptic known that can be taken directly into the body with this effect.

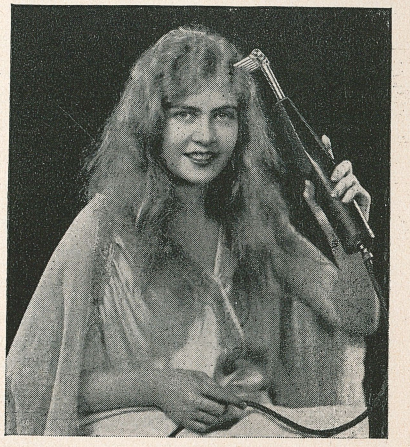
For this treatment the Master Ozone Generator shown on page 20 may be used with any Master machine for the purpose of obtaining large quantities of ozone for inhalation. The effect of inhaling ozone is much the same as that of inhaling large quantities of pure air, or even pure oxygen. It purifies and enriches the blood, invigorates the body and causes pure oxygen to be taken up in large quantities in the blood stream.

Ozone inhalation is of particular benefit in the treatment of respiratory disorders. Taken into the lungs it attacks the diseased cells and causes them to be oxidized and thrown off with the exhaled air. It is a most essential form of treatment for asthma, hay fever, and all lung, throat and nose cases.

This treatment may also be obtained by using a surface applicator and applying it to the surface of the body nearest the seat of the trouble. As the Violet Ray leaps from the applicator into the body it carries with it minute quantities of this concentrated oxygen which is thus injected directly into the tissues and blood. This is known as cataphoric action and has the effect of overcoming the lack of oxygen in the blood by charging it with an added quantity.

As Applied for Specific Conditions and Ills, The Hair, Scalp and Skin

If you do not feel well you cannot look well. Many women realizing that good health is essential to real beauty and the prolonging of youth use the Master Violet Ray with faithful regularity. The results obtained through its applications will be a revelation to you and in a remarkably short time will bring your body, health and appearance to that condition that Nature intended it should be. Rich, red blood is brought to the skin with the use of the Violet Ray. It nourishes the tissues and cells and brings the radiant hue of health and beauty to the skin. All facial blemishes quickly vanish.



Practically every disease of the scalp and hair, as dandruff, falling hair, etc., can be traced to the improper circulation of the blood flowing through the scalp. The roots are fed through the blood, which flows through small capillaries in the scalp almost microscopic in size. Because of their smallness, they become clogged very easily, as a consequence of which most persons are affected with some form of scalp disease. To overcome scalp disease, it is first necessary to remove the cause, and as this is poor nutrition due to faulty circulation, the Violet Ray naturally suggests itself as the ideal remedy.

For treating the scalp we have a special comb electrode which conforms to the shape of the head and pulls easily through the hair. Millions of tiny electric sparks jump from

Refer to Page 30 for Directions.

the applicator to the scalp, carrying with them pure ozone which acts as a germicidal agent and destroys any foreign organism which may be present. The tiny nerve and blood vessels are gently massaged, the blood starts flowing and nourishment is brought to the roots of the hair

By the first treatment a warm, glowing, healthy feeling is brought to the scalp, and with a few successive treatments great improvement will be noted. The hair very quickly takes on a natural, glossy and healthy appearance. The use of the Violet Ray for a few minutes each day will make the hair, thick, healthy and beautiful.

The Violet Ray is used by all modern beauty specialists in the treatment of the hair and skin.

Neuritis

Neuritis, as commonly understood, is rheumatism of the nerves. Although any nerve may be involved, the name neuritis is confined almost entirely to inflammation of the brachial nerves, which run from the upper part of the spine across the shoulders and down the arms. When the arms are lifted slightly, sharp, twinging, shooting pains are felt in the arms and shoulders. Temporary relief can be secured by the use of properly applied heat, but a cure can be affected only by relieving the inflammation and removing the cause of the pain.

Treatment should be with a very mild current gently applied to the pain area for about three minutes several times daily. As these nerves react very quickly, the first few treatments should be mild and short, but as the nerves become accustomed to it the treatment should be increased in strength and duration.

Not only does the Violet Ray improve health, but a permanent relief is secured by relieving the inflammation and removing the cause of the ailment.

Rheumatism—Lumbago

One function of the blood is to dissolve and carry away poisons. When circulation becomes sluggish or impaired these poisons, instead of being carried away, are deposited throughout the system, most commonly at the joints. At first this causes slight annoyance, but continued deposits results in the joints becoming solid, swollen, and severely painful. This condition is known as Articular Rheumatism, and will act upon the muscles in a similar manner, resulting in what is commonly called Muscular Rheumatism.

Inflammation of the nerve or muscles situated immediately below the small of the back is known as Lumbago. These pains are most apparent when the body is inclined forward or sideways, or when these muscles and nerves are brought into use.

Application of the Violet Ray to the affected parts restores circulation to normal, drives oxygen directly into the blood and results in a consequent dissolution of the poisonous deposits causing the ailment, thereby relieving the inflammation. Increased quantities of nourishment brought by the invigorated circulation build up and restore the affected part to normal.

Headaches—Insomnia—Brain Fog

A headache is a symptom of some local or constitutional derangement and not a distinct disease. Few drugs are directly curative and some are paralyzers of the heart while others destroy the red blood corpuscles.

When the Violet Ray removes pain it also builds up the forces of nutrition and general health. One of the most common uses of the Violet Ray is the removal of headache and in such a way as to leave the system in a normal and not a "doped" condition. Long, lasting relief is the rule, but some forms of pain return, and for these regular and persistent treatment is required.

Adequate and refreshing sleep and brain rest is necessary to good health. Inability to obtain these necessities is a very troublesome symptom which one should not neglect. There is no substitute for adequate sleep and rest. The Violet Ray, by its sedative action, tends to soothe and calm the nervous system and equalize the circulation, thus restoring this most essential capacity to normal.

Metabolism—The Secret of Health

Perfect health depends upon the proper functioning of the combined building up and tearing down processes that are continually going on within our bodies and which are commonly described as Metabolism. Human energy is produced by the oxidizing, or burning up of certain elements in the cells and tissues throughout the body. This process is responsible for the heat of the body.

For the purpose of maintaining health, these elements that are being burned must constantly be replaced by nature. All too frequently, however, the balance ordinarily maintained between these processes is disturbed by a deficiency or surplus of new material. In cases where there is a deficiency the parts affected become wasted, weakened, and an easy prey to disease. In the second case they become flat, flabby and enlarged and, as a consequence, are unable to function properly. In either case the result is poor health.

Refer to Page 30 for Directions.

A person's age, in terms of health and appearance, is governed by this process of metabolism. In early life the building up process is dominant and we have a period of growth and development. In the early twenties the stationary point is reached where the two are balance. As long as this balance is maintained health is good and the human body is possessed of the buoyant energy and vitality characteristic of young manhood and womanhood. A disturbance of this balance results in the loss of this vitality.

The tearing down process dominates during the period of old age or decline. It is independent of years, however, and frequently begins in persons under thirty. With proper care, however, the building up process can be made dominant for many years and the ravages of old age postponed indefinitely.

Metabolism depends largely on the quality and proper circulation of the blood. A proper amount of oxygen is necessary in the blood to oxidize the body tissues and thus furnish energy. Tissue building elements must be supplied through the blood to replace those that are oxidized, and disease germs which find their way into the body must be overcome.

Every person who needs concern himself or herself with the subject is familiar with the symptoms of old age. Suffice it to say that the first indication is the loss of buoyancy felt in early life, followed by minor disorders which gradually grow more serious. It is highly important that these symptoms be overcome in their earliest stages.

The Violet Ray not only prevents the premature appearance of these symptoms, but will remove the cause of them after they have become apparent, if properly used. It does this by normalizing Metabolism—by working through the blood stream and equalizing the two processes necessary to perfect health.

Violet Ray treatments increase the oxygen content of the blood, thus hastening the oxidizing process in the tissues and causing waste material to be thrown off. It energizes every cell, causing new tissues to be built in a normal way and assisting in the removal of surplus fat and foreign deposits. It prevents the formation of injurious mineral matter in the walls of the veins and arteries and elsewhere in the body. By the addition of its aiding the processes of digestion, assimilation and excretion it can be readily seen that it will correct the tendency to premature age by the normalizing of every body function.

Prostatic Diseases

The most distressing ailment, common to so many men of middle age, is one in which the high frequency current is almost a specific.

Medical authorities agree that more than sixty per cent of all men past middle age (many much younger) are afflicted with a disorder of the prostrate gland. Aches in feet, legs and back, sciatic pains, and impotence are some of the signs. No man should approach the prime of life content to regard these pains and conditions as inevitable signs of approaching age. The Violet Ray may be used to restore youthful health and vigor and to restore the prostate gland to its proper functioning.

In treating the Prostate through the rectum place the patient on one side in the Sims' position with the knees well drawn up. Electrode No. 22 well lubricated, is then inserted in the rectum about six inches with the depression in the tube turned toward the front or anterior wall of the rectum so the gland rests into depression for best results. In Prostatic diseases of all kinds the High Frequency current has proven most efficacious. The duration of each treatment is three to five minutes. Extraordinary results are accomplished in all of Prostatic diseases. Enlarged Prostate should show improvement from the very first—about two or three treatments a week. Treatment by or under direction of a physician is advised. Same treatment for senile hypertrophy, impotence, etc. Two or three treatments a week, then skip a month.

Nervous Affections

No wider field of application is served by High Frequency current than that of affections of the nervous system.

In the treatment of nervous diseases by the use of drugs there is always a question of reaction and the elimination of the drugs. No two people are alike and cannot be treated alike; some are susceptible to certain drugs and others not, whereas the Violet Ray can be so applied as to be tolerated by everyone.

The average sufferer from nervous disorders is chary of electrical treatment because of the fear of shock, burning, etc. His impression has been gained from experience with galvanic and faradic batteries and other devices, the treatment from which is harsh and unpleasant.

Refer to Page 30 for Directions.

To such sufferers the mild, soothing, painless Violet Ray current comes as a positive boon. The tendency to fear is entirely eliminated, and the sedative restful after effect is welcomed and enjoyed.

Most of the functional neuroses may be benefited by High Frequency.

Keep This in Mind

Do not be afraid of the Violet Ray High Frequency current. It never harms. It causes no shock. Use Violet Rays freely so that you may familiarize yourself with their peculiar nature.

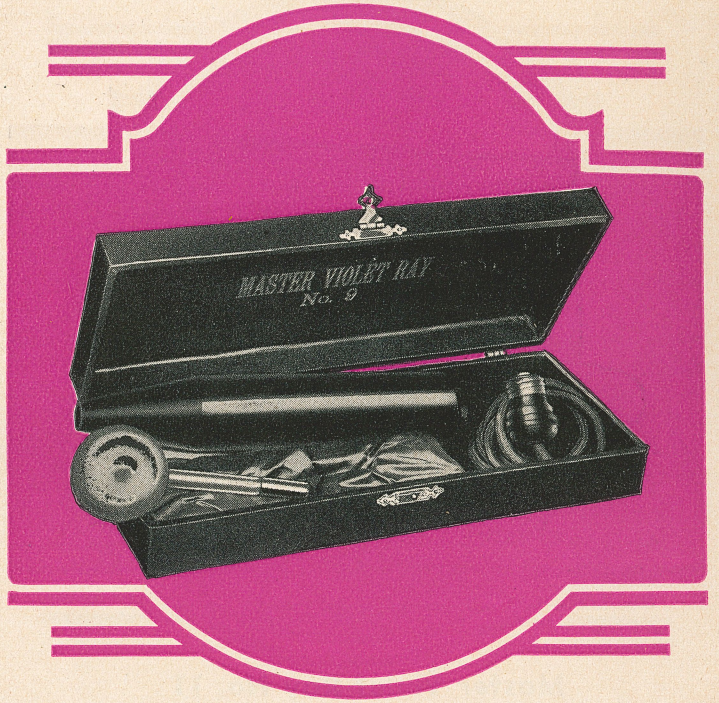
Violet Rays grow in their usefulness the more you study their action and effect. Make it clear to yourself what you wish to accomplish. If you want a soothing effect, do not apply a strong spray by holding the applicator distant from the part to be treated: make a close contact inside with the bare skin. If you wish stimulation treat through the clothing with a current strong enough to reach your tissues. If a tranquilizing effect to quiet the nervous system is desired, do not use a current strong enough to cause irritation. Let these be the guiding principles to you and the result in the use of the Violet Rays will be surprising.

In simplicity of operation, wide range of adjustment, durability, beauty and unique construction, Master Violet Rays are the ideal all-purpose generators. Their superiority has remained unchallenged for twenty years.

Unless otherwise specified, all machines will be furnished to operate on standard voltage of 110 to 120 A. C. and D. C.

Machines can also be furnished to operate on 220 volts and 32 volts. Our 220-volt windings will run on both A. C. and D. C. current. Voltages are from 200 to 240 volts.

The new models of Master Violet Ray machines shown herein, are the result of years of experience in the exclusive sale and manufacture of these products. All Master machines are manufactured of the best material obtainable by highly skilled, experienced workmen. Our various inspections are the most rigid it is possible to give.



Master Violet Ray No. 9

Newly designed and embodies many superior features. Sells at the lowest price at which a one-piece machine with a shock-proof Bakelite handle has ever been offered. Complete with attractive carrying case of exceptionally substantial construction and general electrode.

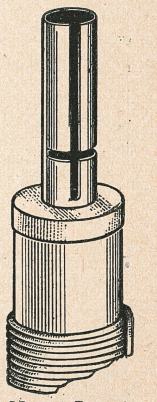
Price **$9.00**

For 220 or 32 volts, add $1.50.

Special Feature Found Only in Our Violet Ray Instruments

A very important feature of all Master Violet Ray machines is the special patented Master Electrode socket terminal which is a part of the resonator coil Should the electrode break, the coil can simply be unscrewed from the housing and the electrode and easily removed by inserting a screw driver or knife in the insertion, as shown in illustration.

In the past, where the electrode has broken, it has been necessary for practically all users to take these to an electric shop or repair man to have the electrode end removed. This annoyance is altogether eliminated, both to the user and the dealer, by the patented Master Electrode Terminal socket, which is found only on Master Violet Ray machines.



Master Patent Electrode Socket

Refer to Page 30 for Directions.

Master Violet Ray No. 11

This machine comes equipped with three Electrodes—Comb, Throat and General, contained in a very beautiful carrying case. The magnet coil is mounted on a highly polished Formica plate. Coils and condensers are oversize to prevent overheating and the Tesla coil is designed to stand hardest usage The handle of the machine is constructed of vulcanized hard rubber and is shock proof.

Price **$12.50**

For 220 or 32 volts, add $1.50.

Master Violet Ray No. 10A

This machine is the same as No. 11 illustrated above except that it is equipped with the No. 1 General Electrode only. The machine is packed in handsome container.

Price **$8.50**

For 220 or 32 volts, add $1.50.

Our 220-volt windings will run on both A.C. and D. C. current. Voltages are from 200 to 240 volts.

The carrying cases on all Master Violet Rays are designed for beauty and service. The very latest materials and designs are used to make them serviceable, and ultra modern in appearance.

VIOLET RAY INSTRUMENTS

Master Violet Ray No. 2B

This machine is of the one-piece type that is, the entire outfit is contained in the handle and there is no separate coil contained in cabinet or carrying case. For those who desire simplicity in appearance and operation, this Master One-piece type machine offers the greatest efficiency possible. It is without question the greatest value ever offered in a one-piece outfit.

The entire mechanism is enclosed in a beautiful highly polished bakelite housing. It is light in weight and comes equipped with a handsome seal grain carrying case. Surface Electrode No. 1, Comb Electrode No. 3 and No. 12 Metal Electrode.

List Price **$12.50**

For 220 or 32 volts, add $1.50.

The Master Electric Company specialize on the manufacture of Violet Ray machines, and are the largest exclusive manufacturers of Violet Ray machines in the world. Every machine is thoroughly inspected and you are assured of receiving a machine perfect in every detail and fully guaranteed by a responsible manufacturer.

Refer to Page 30 for Directions.

Master Violet Ray No. 15

This wonderful new model represents the latest development in a one-piece outfit. Due to our special type of construction the machine cannot be thrown out of adjustment by turning the adjustment knob too tightly and locking the vibrator springs, a defect found in most other one-piece outfits.

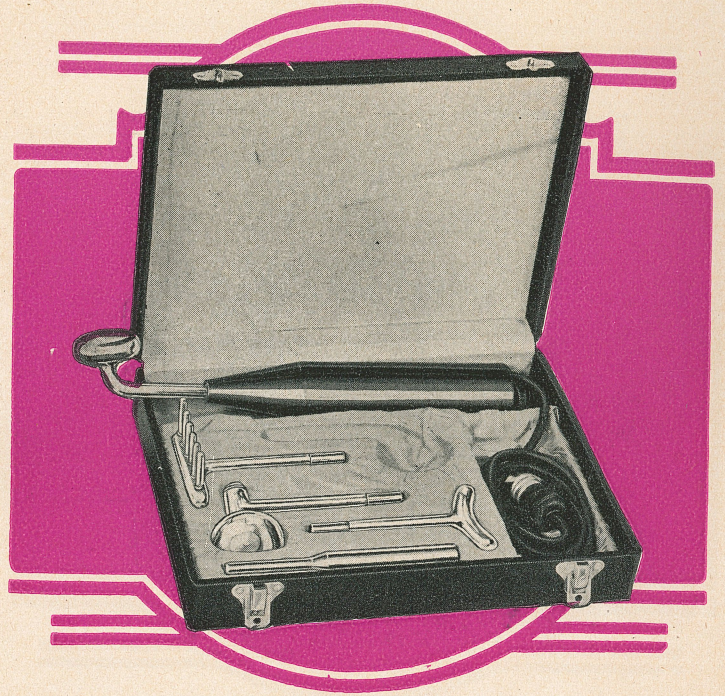
An exeptionally strong Bakelite housing is used and the coils are so constructed that they will not overheat. This machine is without competition where lasting qualities and value are considered. Equipped with handsome carrying case with No. 1 Surface, No. 3 Comb, No 12 Metal and No. 4 Throat Electrodes.

List Price **$15.00**

For 220 or 32 volts, add $1.50.

Our adjustment is a piece of precision mechanics, highly developed, accurate and dependable. The arrangement of adjustment prevents locking of vibrators, thus eliminating burning out of the coils. This is a feature of all Master machines. Our handles are molded in one piece so that there is no leak from the nozzle.

VIOLET RAY INSTRUMENTS



Master Violet Ray No. 17

This excellent model has been added to our already complete line for the purpose of supplying a large number of our customers with a machine having a condenser electrode as a part of its equipment. The applicators included with this outfit are General Electrode No. 1, Condenser Electrode No. 2, Comb Electrode No. 3, Throat Electrode No 4 and Metal Electrode No 12. All equipment is enclosed in a handsome green silk lined carrying case. The addition of the popular and useful condenser electrode makes this outfit an article of exceptional utility and a real value.

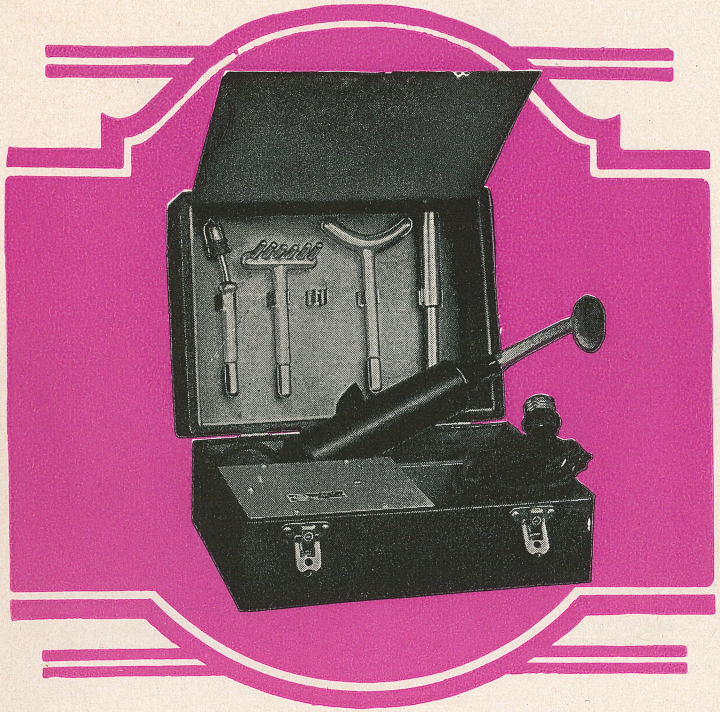
List Price **$17.50**

For 220 or 32 volts, add $1.50.

All Master Violet Ray Outfits are designed to work on standard current, 110 to 120 volts, A. C. or D. C.

The output of Master instruments is truly marvelous, not only is the amperage tremendously high at the full adjustment, but the milli-amperage is great in volume, causing much heat at the point of application to the body, an effect most desirable and not found in other instruments.

Refer to Page 30 for Directions.



Master Violet Ray Outfit No. 8

This machine is designed to meet the demand for a complete Violet Ray equipment of the two-piece type for home and profession, at a moderate price.

The case is designed to hold five electrodes, which are contained in a separate compartment with clips to hold the electrodes. A flap separates this compartment from the Generator. The case is velvet lined and very attractive.

The equipment consists of the Surface Electrode, Comb Electrode, Throat Electrode. Cautery Electrode and Metal Saturator.

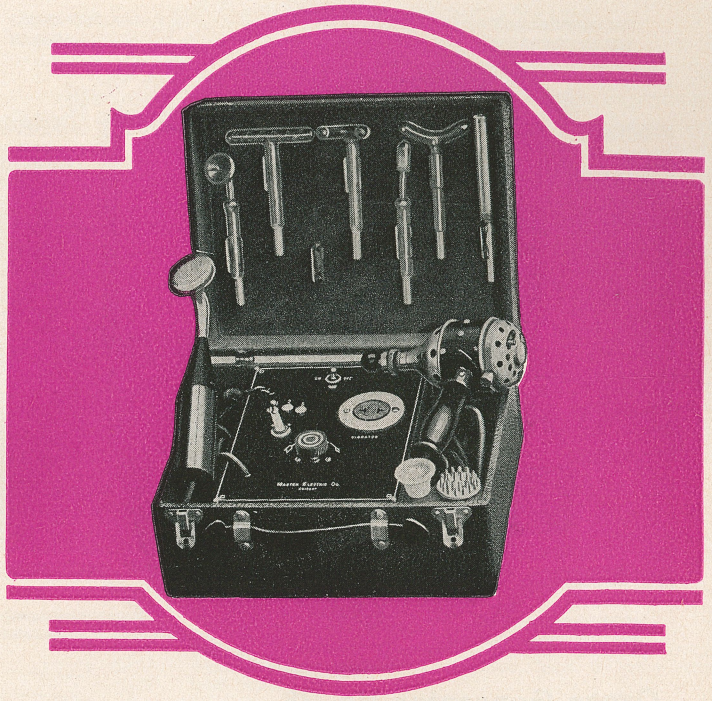
A beautiful finished, quality product. Distinctly a Master Product.

List Price **$25.00**

No extra charge for special voltages.

Every point of construction, every piece of material used, is given careful attention with the view of placing in the purchaser's hands the best your money can buy. An instrument that will give service when needed and one that will not break down under continued use.

We manufacture only high grade, substantial machines. Quality considered, the price is most reasonable, within everybody's reach.



Combination Outfit

This very complete outfit, equipped with a high frequency unit of three-condenser capacity and vibratory apparatus, presents the two recognized methods of electric application.

The high frequency generator is equipped with extra capacity condensers and has very great penetrative power, developing a current of great therapeutic value. Individual condenser operation and the operating strength of the current on each condenser can be regulated by means of the handy switch and adjustment knob respectively, both of which are plainly marked and mounted on the beautifully engraved panel of black bakelite material which contains all controls.

Vibratory treatments are secured from the universal current motor driven vibrator equipped with speed controls. This apparatus can be operated by inserting the plug in the vibrator outlet mounted on the panel, or independently of the rest of the machine, if desired.

High frequency equipment consists of General, Comb, Throat, Eye, Spinal, Metal and Cautery Electrodes. Facial, Scalp and Body Applicators are furnished as part of the vibratory equipment. The entire unit is enclosed is in a handsome leatherette carrying case lined with red velvet. The very finest outfit that can be secured. You will find nothing finer on the market at any price.

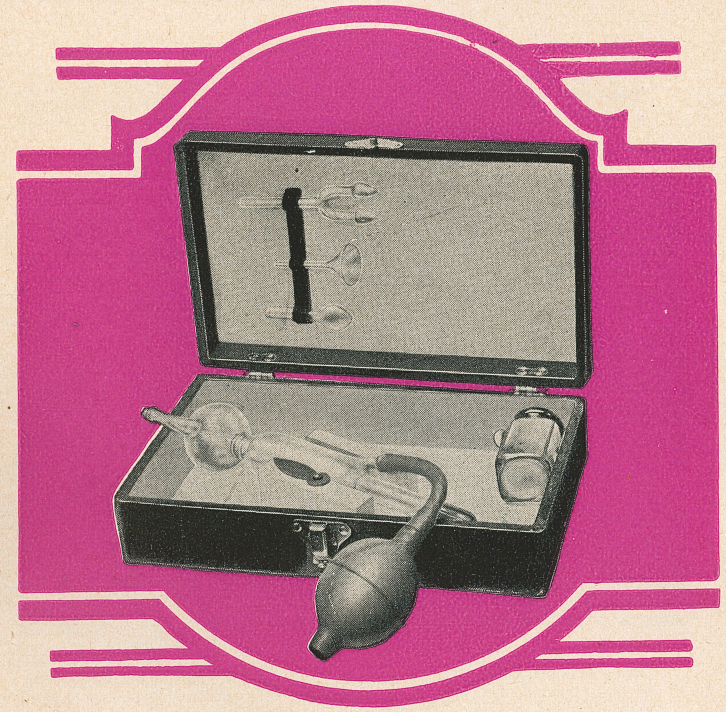
List Price **$62.50**

Without Vibratory Equipment **50.00**

No extra charge for special voltage.

This machine can also be furnished without vibratory equipment. When so furnished the vibrator outlet is always available for use in connection with a vibrator already in one's possession or which may be purchased later.

Refer to Page 30 for Directions.



Ozone Generator No. 28

The Ozone Generator is a special applicator designed for direct medication in nasal, throat, bronchial and lung affections. It generates enormous quantities of ozone. Ozone is a faint blue gas composed of oxygen and is formed by the passage of an electrical discharge through air. Outdoors, we get ozone after a thunderstorm and indoors, the same effect can be produced mechanically with Violet Rays.

Ozone treatments are very beneficial, and excellent results are secured in all diseases of the Respiratory Organs, Influenza, Catarrh, Bronchitis, Asthma, Hay Fever, etc., quickly show marked improvement from its use. The ozone permeates every cell destroying germ life, and sooths the inflamed tissues.

Directions for Operating Ozone Generator

The generator is pushed into the instrument handle and after filling the inhalant chamber one-fifth with inhalant solution, the current is turned on. The right hand is then put around the ozone chamber while the other hand actuates the pressure bulb at convenience. The nostrils are placed over or tight against the nose-piece, and the ozone is forced down through the nose into the lungs by pressing the bulb. The inhaling of the ozone should be deep and the air completely exhaled before taking another breath. Inhalation may also be made through the mouth by changing the nose-piece for the mouth-piece.

The inhalant solution contained in the upper chamber of the generator washes the ozone as it bubbles through it, allowing particles of it to be carried along in the form of vapor. This inhalant solution is a splendid combination of essential oils which have a soothing effect upon the membranes and assist in healing.

Our new type Ozone Generator may be used as an atomizer.

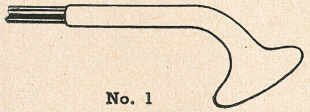
The complete outfit consists of the Generator, a nose-piece, a mouth-piece, pressure bulb, inhalant solution.

Complete with all attachments - - - - - $10.00

ELECTRODES AND APPLICATORS

Vacuum Glass Electrodes for High Frequency Violet Ray Application are made in two types: Plain, or non-insulated and insulated. Insulated electrodes are used for Oroficial Treatments mostly, as they deliver a greater quantity of current at the desired locality.

Master Electrodes are made of the best grade of special glass, which will stand heavy usage without signs of deterioration. The vacuum in Master Electrodes is perfect. The ends of the electrodes are protected by metal caps, which insure greater life. All electrodes are carefully tested and packed.



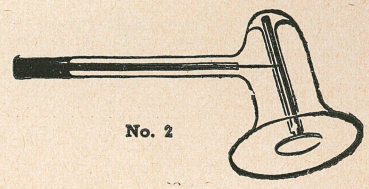
No. 1

No. 1 General Electrode.—For facial and body treatment, and for any surface application. This applicator is supplied with all Master Violet Ray machines as a part of the instrument.

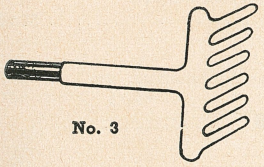
Price $1.00

No. 2 Condenser Electrode.—As the name implies, it condenses the current, and produces a strong, even flow; also generating electrical heat, which is very desirable in deep seated cases. Used for Rheumatism, Lumbago, Neuritis, etc.

Price $3.50



No. 2



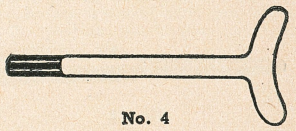
No. 3

No. 3 Comb-Rake Electrode.—Used for all scalp treatments; Falling Hair, Dandruff, Gray Hair, and for stimulating the hair cells.

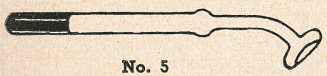
Price $1.50

No. 4 Throat Electrode.—Designed to fit over the neck. Excellent results have been accomplished with this electrode in Goitre, Tonsilitis, Double Chin.

Price $1.50



No. 4

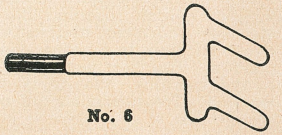


No. 5

No. 5 Eye Electrode.—Single Eye Electrode designed to fit closely over the eye. When treatment is given only a slight warmth can be felt. Is used for the treatment of all eye complaints and for strengthening the optic nerves Price $1.00

No. 6 Spinal Electrode.—For all Spinal treatments. Arranged so that it fits over both sides of the vertebrae.

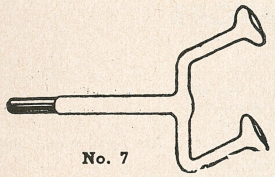
Price $1.50



No. 6

Refer to Page 30 for Directions.

VIOLET RAY ELECTRODES

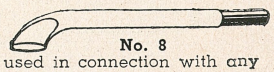


No. 7

No. 7 Double Eye Electrode.—This electrode is used for the same purpose as the No. 5 Single Eye Electrode, but is designed for the treatment of both eyes at once. It distributes the current evenly to both eyes and is recommended where both eyes are to be treated.

Price $2.00

No. 8 Small Cataphoric Electrode.—This electrode is made with an indentation on the surface to hold absorbent cotton and liniment of any kind. It is used in the treatment of Rheumatism, Lumbago, Neuralgia, or in fact, wherever liniment is used in connection with any Master Violet Ray machine.

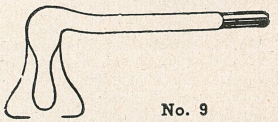


No. 8

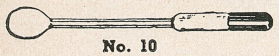
Price $3.50

No. 9 Large Cataphoric Electrode.—This electrode is used for the same purpose as No. 8, but has large capacity, and greater space for cotton and liniment. Used in the treatment of Rheumatism, Lumbago, Neuritis, etc., or wherever liniment is used.

Price $4.50



No. 9



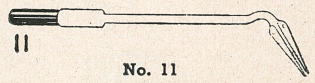
No. 10

No. 10 Spatula or Tongue Electrode.—Used for treatment of the mouth or tongue, as its name implies.

Price $2.00

No. 11 Insulated Ear Electrode.—This electrode has been specially designed for treatment of the ear. It is used for the treatment of all Catarrhal conditions in the ear, and for earache, deafness and head noises, etc.

Price $2.25



No. 11

No. 12

No. 12 Metal Electrode.—This delivers a strong current and is excellent for general tonic and where constitutional effects are desired. When held by the patient, there is no muscular contraction, merely a sense of warmth through the entire body. The current can also be drawn to any part of the body by using the No. 1 Electrode or the fingers of the operator.

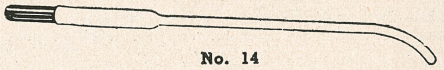
Price $1.00

ORIFICIAL TREATMENTS

All Orificial Electrodes must be lubricated before insertion. For the sake of safety there should be two people in Orificial work, the patient and operator. The current should be turned on after inserting the electrode into the orifice and turned off before removing the electrode. Orificial treatments are never painful. The electrode should be moved slightly to avoid sticking to mucous membrane. Treatments are not to be continued longer than five minutes. The best method of giving orificial treatments is to use the Metal Electrode No. 12 in the machine, and apply to the metal cap of the orificial electrode after this has been inserted. Treatments should not be attempted by unskilled persons without the instruction and supervision of a competent practitioner.

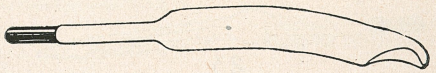
VIOLET RAY ELECTRODES

Orificial Applicators are illustrated solely for the benefit of physicians and other licensed practitioners. Under no circumstances should treatments be attempted by unskilled persons without competent supervision.



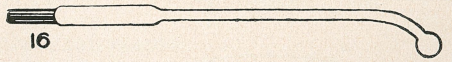
No. 14

No. 14 Urethral Electrode. Price $1.00

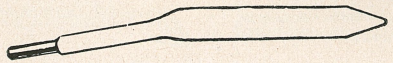


No. 15

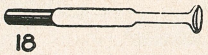
No. 15 Vaginal Electrode. Price $1.00



No. 16 Internal Throat Electrode. Price $1.00



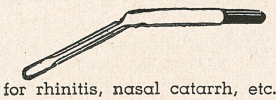
No. 17 Rectal Electrode. Price $1.00



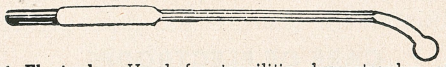
No. 18 Corn Electrode.—This electrode is used for the treatment of corns. It fits snugly over the corns. Price $1.00

INSULATED ELECTRODES

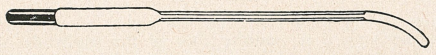
The advantage of insulated tubes is that the current may be introduced without loss into the orifice of the body. In using plain electrode for an orifice, much of the curent is lost at the first point of contact. For instance, if the prostatic gland is being treated with the plain electrode, much of the current is drawn off at the opening of the rectum, but if the insulated tube No. 22 is used, the current is conveyed to the desired point without loss.



No. 19 Nasal Electrode.—Used for rhinitis, nasal catarrh, etc. Price $2.00

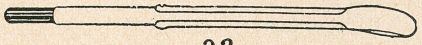


No. 20 Internal Throat Electrode.—Used for tonsilitis, hypertrophy of the tonsils, ulcers of tonsils, etc. Price $2.00



No. 21 Urethral Electrode.—Used for cystitis, strictures, gonorrhea, etc,. Price.....$2.00

Refer to Page 30 for Directions.



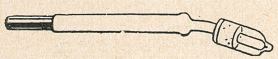
22

No. 22 Prostatic Electrode.—Designed so that it fits directly over the prostatic gland. In many cases this electrode can also be used for vaginal work in place of No. 24.
Price **$2.00**

23

No. 23 Insulated Rectal Electrode. Price **$2.00**

No. 24 Vaginal Electrode (without perforations). Price **$2.25**



No. 25 Cautery Electrode.—This has a platinum wire sealed in the glass. For removing warts, moles or growths of any nature, it cannot be excelled. Very seldom is it necessary to give more than two treatments; most often one application is all that is necessary.
Price **$2.00**

No. 26 Special Vaginal Electrode.—Made with perforations so that ozone may be generated within the vagina. Used for ovaritis, leucorrhea, vaginitis and all pelvic inflammations.
Price **$3.50**

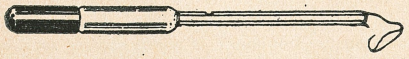
CARE OF ELECTRODES

Keep the electrodes clean. Washing with warm water and soap is sufficient. Electrodes will stand heat and can be boiled in water.

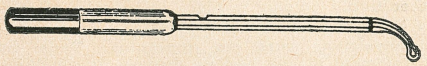
The electrodes will burn out in time much on the order of an electric light bulb. When difficulty arises with the machine it is usually due to the electrode being burned out. Try another electrode before concluding that the trouble is with your machine.

DENTAL ELECTRODES

No. 41 Dental electrode straight bulb **$2.50**

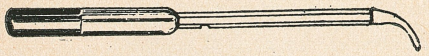


No. 42 Dental electrode hollow bulb **$2.50**

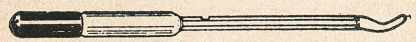


No. 43 Dental electrode ball shaped bulb **$2.50**

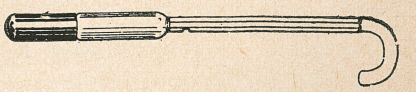
No. 44 Dental kataphoric (cocaine) electrode **$2.50**



No. 45 Dental abscess electrode.... **$2.50**

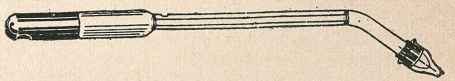


No. 46 Dental electrode for gum treatments **$2.50**



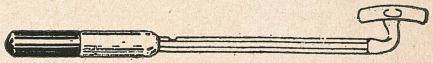
No. 49 Dental electrode for spotting inside of jaw. **$2.50**

No. 50 Dental electrode for front gum treatment **$2.50**

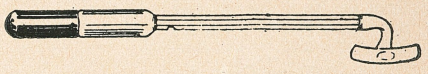


No. 51 Dental fulguration electrode **$2.50**

No. 52 Dental electrode for gum treatment inside of jaw..... **$2.50**



No. 53 Dental electrode for gum treatment left side of jaw..... **$2.50**



No. 54 Dental electrode for gum treatment right side of jaw..... **$2.50**

Price, each **$2.50**

High Frequency currents have a wide and growing use in dentistry. These uses include treatment of pyorrhea, in drying cavities, sterilizing root canals, bleaching teeth and locating devitalized teeth.

Refer to Page 30 for Directions.

Use Your Violet Ray Outfit as a First Aid

There is no quackery or uncertainty about the Violet Ray High Frequency Current. It is a thorough cell massage and a wonderful stimulant, and while it is by no means put forward as a cure-all, yet it is of the utmost aid in restoring to normal the physical condition impaired from almost any cause. The results obtained are universally beneficial and can never in any instance be harmful.

Violet Ray Treatments

The following are but suggestions, inasmuch as in most instances the individual will develop a technique suitable to his own particular case.

Violet Ray treatments need not be of long duration. Short treatments at frequent intervals are very effective. Always start with the weakest current possible in order to avoid the initial discharge, which occurs when the electrode is brought in contact with the body. Make contact with the electrode quickly when beginning and finishing the treatment. If metal objects such as hairpins, corset steels, chains, etc., cannot be avoided during the treatment, they should be removed.

The suggestions for the treatment of disease outlined below have been taken from cases where physicians or clinics have obtained excellent results. Not all cases will be cured through High Frequency alone, but in every case it is a valuable adjunct to other treatments; in fact, many cases have been greatly benefitted where medical treatment has failed.

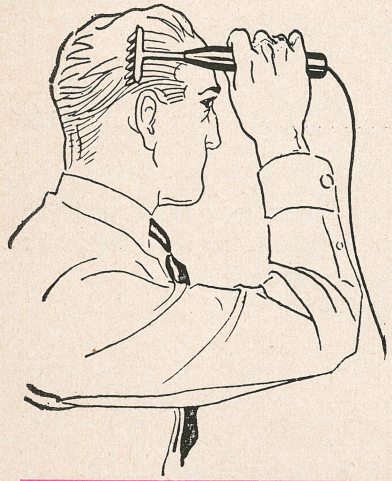
The suggestions are given for the benefit of physicians using our apparatus. Under no circumstances should orificial treatments, or the treatment of any serious disease or condition, be given without first consulting a physician. It is not our purpose that the Master Violet Ray be used as a substitute for the services and attention of a competent medical adviser.

While the use of the Violet Ray is being advocated by physicians and professional persons throughout the country, it must be remembered that it is not sold as an infallible remedy for any ill and that there are physicians and other practitioners who have not become educated to its use and who consequently do not recommend it. It is a matter of common knowledge, of course, that medical theories are open to dispute within the profession as are the theories of any subject. When viewed in this light, and in consideration of the widespread use and popularity of the Violet Ray, the attitude of those dissenting members of the profession is open to considerable discussion.

Treatments

Athlete's Foot—In many cases excellent results have been obtained by massaging the foot and toes with the General Electrode. Treatment between and behind the toes can be given with No. 19 Electrode. Five minute treatments as often as desired until relieved.

Alopecia or Falling Hair—(Hot oil shampoo before starting treatment)—Use Comb Electrode No. 3. Use a mild current at first, which can be increased with treatments. Pass the comb back and forth over the entire scalp for about five minutes every day. This same treatment can be used for gray hair in restoring it to natural color. Use same treatment for baldness. Do not use the Violet Ray on the hair immediately after applying any preparations containing more than forty per cent of alcohol.



Acne (Pimples)—Treat the entire surface for about seven minutes with the Surface Electrode No. 1. If the skin is damp, either apply talcum powder or treat through handkerchief or other clean cloth. Use a medium current.

Anaemia—General application to the entire body. Treat with Surface Electrode No. 1 over the chest, and Throat Electrode No. 4 on throat glands, the treatment to last from five to ten minutes. The Ozone Generator is also of the utmost benefit.

Amennorrhea, Irregularity, Suppressed Menses—With the Vaginal Tube No. 24 or 26 an emmenagog effect can be produced. Apply any antiseptic lubricant to tube. Give ten-minute treatments every other day. Also apply Surface Electrode No. 1 to spine, five to ten minutes.

Abscess—To abort an abscess, the use of the Surface Electrode has been found to be the most beneficial. Keep tube in contact with skin. Apply any antiseptic lubricant on tube before applying. Give five to ten-minute treatments.

Adhesions—In conditions following operation or inflammatory conditions, use the Condenser Tube No. 2. Apply any antiseptic lubricant on tube. Give ten to fifteen-minute treatments daily.

Asthma—Apply Surface Electrode No. 1 or Condenser No. 2 over the chest and throat glands for about 5 minutes with a strong current. Treatment of Asthma is also found to be very successful by the use of the Ozone Attachment, filling it with 1 dram of Oil of Pine; 1 dram of Oil of Eucalyptol; 5 minims Beechwood Creosote. Inhale 3 to 5 minutes daily.

Ataxia—Use as strong a current as can be tolerated to spine, over abdomen, and back of legs. Give milder treatment as improvement is noticed.

Barber's Itch—General treatment with Electrode No. 1 for 5 minutes daily.

Blepharitis—Infection Edges of Eye Lids—Excellent results can be produced by the use of the Eye Electrode No. 5; treatments, 10 minutes daily. Also use Throat Tube No. 4 to go around area of the conjunctiva or mucous membrane of the eye, 5 minutes.

Boils—Furunculosis—In treatment of Boils, excellent results have been obtained by giving a light spark around area of infection with the Surface Electrode No. 1 and then applying the electrode direct on same twice daily, 5-minute treatments.

Bruises—Use Surface Electrode over area affected. Treatments about 5 to 10 minutes. Medium or strong current.

Bunions—Use Surface Electrode in direct contact with skin, with medium current for about 5 minutes.

Burns—Apply electrode in close contact with the burned area, using a mild current for a short time, two or three times a day.

Brain Fag—Use Applicator No. 1 over forehead and eyes. Also treat the back of head and neck with strong current in direct contact with the skin. Treat the spine and hold the electrode in the hand. Ozone inhalations for about four minutes are also of importance.

Blackheads—A mild to medium treatment of five minutes daily. Use Surface Electrode No. 1, and apply talcum powder before treating.

Bronchitis—By the use of the Ozone Attachment very beneficial results and great relief can be obtained immediately. Use same mixture as in treatment of Asthma.

Carbuncle—Use the Surface Electrode No. 1, applying same direct, 10 to 15 minutes daily.

Cataract—Great relief can be obtained in the early stage of cataract by the use of the Eye Electrode, either single or double, with a very fine current, not exceeding ⅛-inch in length.

Pains in Back Quickly Relieved

Calluses—Use a strong electric current with Surface Electrode No. 1. The current can also be applied by holding electrode a short distance from the skin.

Carbuncles—The treatment prescribed for Boils should be followed in treating cases of nature.

Catarrh, Nasal—In this condition the Nasal Tube is used within the nose with a mild current within the nasal passage, two to five minutes on each side, followed by an application with the Surface Electrode externally over the area of the nose. Use Ozone Generator.

Catarrh of Womb—Use Vaginal Electrode No. 4 or No. 26 for five minutes daily. Electrode to be lubricated before insertion.

Chilblains—Use Surface Electrode with strong spark applied directly to the skin. Treatment to last about ten minutes.

Cold Extremities—Apply Surface Electrode direct to affected parts, using a strong spark for about five minutes. Also apply electrode to the spine; keep the electrode about one-half inch from the skin until the surface is red.

Constipation—Apply Surface Electrode over the bowels. Apply for about ten minutes, moving the electrode. Use a strong current. Physicians use Rectal Electrode No. 23 for insertion into the rectum. Orificial treatments last about five minutes.

Dandruff—Directions for the treatment of Alopecia are applicable in cases of this nature.

Deafness, Earache and Ear Diseases—Apply Ear Electrode with very mild current into the ear. Care must be exercised so as to not touch the ear drum. Three to five minutes is sufficient.

Eczema—By the use of the Surface Electrode No. 1 excellent results have been obtained by giving the patient as much current as can be endured. Another beneficial way of treating is to apply gauze over the area and go over same with the electrode.

Frost Bites—Instructions outlined for the treatment of Chilblains may also be adapted to the treatment of this ailment.

Refer to Page 30 for Directions.

Goitre—In Goitre cases, by the use of the Surface Electrode No. 1 the tube should be kept in light contact with the skin, treating the sides of the neck as well as over the Goitre itself, giving ten-minute treatments daily.

Gonorrhea—In sub-acute or chronic forms marked beneficial results have been obtained by the use of the Urethral No. 21 or Vaginal No. 24 Electrodes. Apply any antiseptic lubricant on tubes before inserting. Give seven-minute treatments daily.

Gleet—By the use of the Urethral No. 21 and the Rectal No. 23 Tubes unusual results have been obtained. Insert same with any antiseptic lubricant, giving ten to fifteen minute treatments daily.

Grippe—Breathing through the Ozone Generator gives immediate relief. Follow with treatments over side of nose, and in some cases with Nasal Electrode No. 19 internally. Treatment, five to ten minutes.

Gout—Apply Surface Electrode to the spine to stimulate the system. Then apply Surface Electrode to the painful area with a medium current, keeping the electrode in contact with the skin, but moving same about. Pain may be noticed at first, but results are certain if treatment is continued.

Gray Hair—The natural color of the hair may often be restored by continued and patient treatment with Electrode No. 3. See Alopecia. Several months are usually required for results. Use a current for stimulation at least once a day.

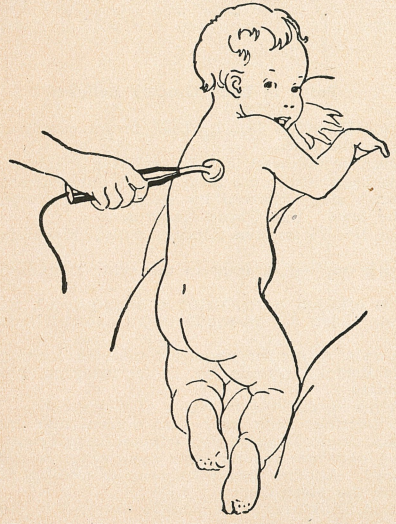
Hay Fever—Apply Surface Electrode over the nose and along the spine with medium current for five minutes. Apply Electrode No. 19 in nostrils for a short time. Treatment must be of short duration but frequently repeated. Use the Ozone Generator freely, it being advisable to Ozonate the entire room with it. For satisfactory results treatments should commence two or three weeks before period of attack.

Headaches—Frontal and Occipital Headaches are relieved by using the Surface Tube No. 1 over the seat of the pain. Keep the tube in loose contact and prolong the treatment until relief takes place, which usually takes from five to ten minutes.

Hemorrhoids—With the use of Rectal Tube No. 23 temporary relief may be obtained by giving five-minute treatments daily.

Herpes, Zoster—Application of the Condenser Tube in the eruption of Herpes. Recovery can be hastened by giving ten-minute treatments daily, Three to five treatments are usually sufficient.

Impotence—The most beneficial way of treating this condition is by the use of the Prostatic Tube No. 2 with plenty of spark. Use the Surface Electrode No. 1 slightly raised over the area of the spine from five to seven minutes daily.



Perfectly Harmless—Can Be Used for Baby

Insomnia—The method most beneficial has been the use of the Condenser Tube, which is kept in light contact with the back of the head and neck, going down the spine for about five minutes daily before retiring.

Jaundice—By the use of the Condenser Electrode great relief can be obtained. Apply electrode over the area of the liver ten minutes daily.

Laryngitis—The Throat Electrode either by the loose contact or mild spark will greatly aid in treatment of this nature. Ozone inhalations are most advisable.

Lumbago—Apply the current through the clothing with as strong a current as can be tolerated. Continue treatment until pain is gone. Keep the electrode moving and give long treatment.

Leucorrhea—Use Vaginal Electrodes No. 24 or 26, lubricating before insertion. A medium treatment for five minutes is applied and repeated as circumstances require. Current should be turned on after insertion of electrode and off before removal of electrode. Antiseptic douches in connection.

Neuralgia—To obtain a hurried relief of Neuralgia, the Surface Electrode No. 1 should be used. Pass back and forth in light contact with the skin, giving ten-minute treatments as needed.

Neuritis—Use Surface Electrode for five minutes at a time. Several treatments a day are advisable. Use light current at first and gradually increase same. Apply locally or to entire body, depending upon the condition.

Obesity—Apply Surface or Condenser Electrode No. 2 for fifteen minutes twice daily. Use very strong current. Fats will be consumed by increase of oxidation but diet must be reduced and watched.

Paralysis—Use Electrodes No. 1 or No. 2. Treat paralyzed muscles, employing a current strong enough to produce a half or three quarter inch spark. Part of the time keep the applicator in contact with the skin and part of the time raise it above the surface to get effective spark. Treat as directed by physician.

Pharyngitis—In acute forms with the use of the Throat Electrode, quick relief can be obtained. Give five-minute treatments daily.

Pleurisy—Use the Condenser Tube over the front and back of the chest until a marked reddening of the skin indicates a counter irritation. Two or three treatments are necessary in acute cases and one daily in chronic cases.

Psoriasis—This is treated by the same technique as that employed in Eczema.

Rheumatism—Use Electrode No. 2. High Frequency currents are of exceptional value in muscular and in chronic articular rheumatism. The pain will be relieved by application of High Frequency massage, using lubricant, if necessary. Follow with fairly strong spark until pronounced redness is produced. This treatment persistently followed has in many cases resulted in a cure. While some relief may be obtained in one treatment, but permanent cure requires much time and patience. Treatment: Ten to fifteen minutes daily.

Rheumatic Pains in Limbs Disappear After Few Minutes Treatment

Ringworm—Use the Surface Electrode and apply short sparks several times a day with a medium current for several minutes.

Scars—By the use of the Surface Electrode No. 1 a softening effect can be produced on scar tissue, treating same five to seven minutes daily.

Sciatica—Apply the Condenser Electrode along the course of the nerve and over the lower part of the spine, giving ten-minute treatments daily.

Sinusitis—The use of Surface Electrode No. 1 gives a hurried relief by applying same over the area of the sinuses daily for five minutes.

Sore Throat and Throat Diseases—Use Internal Throat Electrode No. 20 with medium curent for five minutes, and the External Throat Electrode No. 4 on the outside of the throat for the same period of time.

Stiff Neck and Joints—Apply Surface Electrode, using the same method as explained in Neuritis.

Tonsilitis—Use treatment as above for Sore Throat. Ozone treatments are also of importance.

Urticaria (Hives)—Urticaria can be quickly eliminated by the use of the Surface Electrode No. 1, going back and forth over the area for ten minutes daily until condition is gone.

Warts and Other Small Growths—The No. 25 Cautery Electrode should be used, as it throws a fine, sharp spark. Apply to growths long enough to cauterize the surface. A few seconds is usually all that is necessary. Wait a day or two for results and, if necessary, repeat. Where there is no Cautery Electrode the Surface Electrode can be used by holding it about one-eighth inch from the growth and allowing the sparks to pass from the edge of the glass.

Writer's Cramp—In this condition a hurried relief can be effected by the use of the Surface Tube No. 1 over the area of condition, using same until condition is relieved.

Wry Neck—Torticollis—Using the No. 1 or No. 2 over the area of the neck and down the spine daily for ten minutes, relief can be effected.

Wrinkles—Are commonly caused by using a given set of facial muscles more than normally. They can be removed by applying Electrode No. 1 or No. 5 with a rotary, massaging movement.

Refer to Page 30 for Directions.

DIRECTIONS FOR OPERATING

The Violet Ray High Frequency Outfit

1. Insert glass applicator into the instrument.
2. Attach the connecting plug to the lamp socket.
3. Turn the current on.
4. Adjustment of the Violet Ray discharge is obtained by the adjusting knob. To the right the discharge increases, to the left it decreases.
5. Start any treatment with a mild discharge and increase it gradually to the required strength.
6. Take good care of the connecting cord. Keep it dry and free from knots and twists. Have it repaired in time if signs of wear appear.

Don'ts

7. Do not attempt to repair the apparatus. If the necessity arises, write to the factory advising of your difficulties and you will be informed what to do.
8. Do not use the Master in connection with any tonic or medicament containing a large percentage of alcohol on the hair or any part of the body.
9. Be careful with the apparatus and when not in use turn the current off. Be on the safe side and remove the connecting plug from the lamp socket after use.
10. Do not touch the appliance or attempt to connect it to a lamp socket when your hands are wet. Do not use while at the wash basin or in connection with an electric bath.
11. **Do not operate your machine at any one time longer than ten minutes. To do so overheats the coils and may result in their burning out. When this occurs, our guarantee does not apply. The machine may be used intermittently over a long period of time providing the coils are permitted to cool between use.**
12. Do not allow the body to come in contact with metal. This includes metal furniture, While taking or giving treatments.
13. Another **don't** that is indeed very important is that the handle of the Violet Ray Machine should not be grasped close to the applicator while the machine is not in use; i. e., when the current is turned on and the applicator is not being applied to the body.

    The reason for this is that the current will jump from the tip of the handle if it is not being drawn off by the glass applicator to some part of the body. It is a simple matter to avoid by merely holding the handle of your machine at the end farthest away from the electrode.
14. **Occasionally we have complaints when one-piece machines do not operate when held in a vertical position.. When this occurs, use a stronger current or reverse the position of the machine. It is never necessary to use machine in upside down position.**
15. Damages arising from carelessness are not covered by our guarantee. If instructions are properly followed, the Master will last indefinitely.
16. Many people return machines that are in good order. If machine does not work try its operation on another electrical outlet.
17. Master Violet Rays seldom give the user trouble and will last indefinitely. Nothing is to be oiled or adjusted. When trouble occurs it is usually with the electrode, as already explained, or due to a broken cord at the point where it enters the cap in the base of the Bakelite handle.

VIOLET RAYS
Master Electric Company

GUARANTEE

The Master Violet Ray instrument is guaranteed against mechanical and electrical defects for a period of one year from date of purchase by the user, providing that all instructions for the proper use and operation have been followed. Defective parts will be replaced free of charge when needed, providing the apparatus is returned to the factory prepaid. Damage caused by parties other than ourselves in attempting to repair our machines are not covered by this guarantee. Glass applicators are not guaranteed for any specified period of time; they are made of the very best materials obtainable and thoroughly tested before shipping.

The Master Electric Co.

2309-2315 Archer Avenue

CHICAGO, U. S. A.